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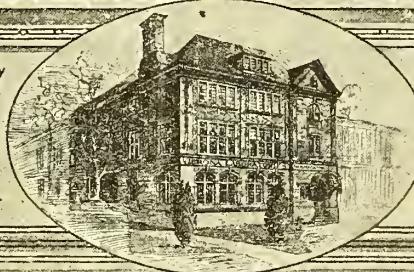
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## INDEX TO ADVERTISERS

AERATORS, LD., <i>Sparklets</i> .....	i	
A.F.A. CHEMICAL CO., LD., <i>Perfumes</i> .....	10	
AKTERBOLAGET OXYGENOL .....	xvi	
ALLCOCK MANUFACTURING CO., <i>Plasters</i> .....	xlv	
ALLEN, STAFFORD, & SONS, LD., .....	Cover	
ALLIANCE DRUG CO., <i>Chemicals</i> .....	x	
AMERICAN COMMERCE CO., LD., <i>Chemicals</i> .....	vi	
AMSTERDAM QUININE WORKS .....	xviii	
AMSTERDAM SUPERPHOSPHATE WORKS .....	xiv	
ANGLODOL, LD., <i>Dental Paste</i> .....	27	
ANGLO-FRENCH DRUG CO., LD., .....	xxix	
ANZORO PARISIANE CO., <i>Hair Cream</i> .....	26	
AREIGHI, E. S., <i>Clinicals</i> .....	lvi	
AYTON, SAUNDERS & CO., LD., <i>Wholesale Druggists</i> .....	15	
BAILEY, ROBERT, & SONS, <i>Surgical Dressings</i> .....	4	
BAKER, PARSON, C., <i>Chemists' Values</i> .....	Col. Supp.	
BANDOENG QUININE FACTORIES .....	xviii	
BANISTER STREET WORKS, LD., <i>Machinery</i> .....	xlii	
BARDISIYS, <i>Trucks</i> .....	xlv	
BARKER, R., & SON, <i>Infants' Preservative</i> .....	xliii	
BARTLEY SOCIETE COMMERCIALE, <i>Chemicals</i> .....	xix	
BELL (JOHN), HILLS & LUCAS, LD., .....	Cover	
BERDOE & FISH .....	Col. Supp.	
BERK, F. W., & CO., LD., <i>Acids, Chemicals</i> .....	v	
BERRY'S, J. B., SONS, CO. INC., <i>Pet. Prods.</i> .....	xxxii	
BERTON, ARTHUR, LD., <i>Brushware</i> .....	38	
BIDWELLS, LD., <i>Brushware</i> .....	38	
BIRKS, EDWARD, & SON, <i>Junket Pdr.</i> .....	xxii	
BISHOP, ALFRED, LD., <i>Piperazine Cit.</i> .....	xviii	
BLAGDON, VICTOR, & CO., <i>Chemicals</i> .....	v	
BLYTHE, W., & CO., LD., <i>Epsom Salts</i> .....	ii	
BOAKE, ROBERTS, A., & CO., LD., <i>Essences, Acetic Acid</i> .....	xiii, xxxviii	
BOOTS PURE DRUG CO., LD., <i>Saccharin</i> .....	45	
BOVRIL, LD., <i>Cash Bonus</i> .....	xi	
BRITISH CELLULOSE & CHEMICAL MFG. CO., LD., <i>Calcium Carbide</i> .....	iv	
BRITISH DIAMALIT CO., LD., .....	xxxvi	
BRITISH DRUG HOUSES, LD., <i>Chemical Food</i> .....	48	
BROOKS, PEEL & CO., LD., <i>Tubes</i> .....	1	
BROWNING, THE. W., CO., LD., .....	xxxvi	
BROWNING, W. C., .....	lvi	
BULL, D. W., <i>Brushes, Paper</i> .....	39, Col. Supp.	
BURGE, WARREN & RIDGLEY, LD., .....	xlv	
BURGOYNE, BURBIDGES & CO., LD., .....	xxiv	
BURNSIDE & CO., <i>Eucalyptus Oil</i> .....	xv	
CARMICHAEL, F. J., & CO., <i>Camomiles</i> .....	xii	
CARR, G., & CO., LD., <i>Saccharin</i> .....	xx	
CARTWRIGHT, W. B., LD., <i>Sundries</i> .....	xxv	
CASSON CHEMICAL CO., LD., .....	32	
CELLOPHANE CO., <i>Wrapping Material</i> .....	44	
CHATEAUN, J. L., <i>French Proprietaries</i> .....	xvii	
CHELTINE FOODS CO., <i>Foods</i> .....	xlii, xliii	
CHEMICAL WORKS, BRUGG, LD., <i>Malt Fern Extract</i> .....	xvi	
CHIESMAN, F., & CO., <i>Essential Oils</i> .....	17	
CHRISTY, T., & CO., <i>Shampoo</i> .....	27, lvi	
CLARK & CO. (PTY.), LD., .....	xv	
CLAYTON ANILINE CO., LD., .....	iii	
COAL BY-PRODUCTS CO., .....	xvii	
COLEMAN & CO., LD., <i>Wincarnis</i> .....	xxxix	
CONDUIT, FRANK A., .....	34	
CONNELL, A., & CO., LD., <i>Toilet Disinfectants</i> .....	41	
COOK, E., & CO., LD., .....	xviii	
COOPER LABORATORY .....	Cooper, Son & Co., LD., <i>Cachets</i> .....	lvi
COX, ARTHUR H., & CO., LD., <i>Tooth Paste</i> .....	1	
CROOKES' LABORATORIES .....	xviii	
CUXON, GERRARD & CO., LD., .....	19	
C.V.O. CHEMICAL WORKS, <i>Laundine</i> .....	xxxix	
DALE, J., <i>Manufacturing Co.</i> .....	ii	
DALEMANY & CO., .....	xx	
DAVIS, W., <i>Shopfitting</i> .....	lvi	
DEARBOURN, LD., <i>Toilet Specialities</i> .....	36	
DEE OIL CO., LD., <i>Petroleum Jelly</i> .....	xxiv	
DEGEN, F. A., .....	lvii	
DELPHINUS MFG. CO., <i>Nail Polish, &amp;c.</i> .....	36	
DENVER CHEMICAL MANEG. CO., .....	xvi	
DEPRETER, A. E., <i>Brushes</i> .....	39	
DICKESON, R., & CO., <i>Medicinal Snuff</i> .....	lvi	
DUDLEY & CO., <i>Window Tickets</i> .....	18	
DUN, R. T., <i>Capsules</i> .....	ii	
ELLIOTT OPTICAL CO., <i>Optical Goods</i> .....	liv	
ELY'S COLLEGE, <i>Educational</i> .....	lvii	
EVAN-WILLIAMS CO., LD., <i>Shampoo</i> .....	26	
EVER-READY RAZOR CO., LD., .....	lxvii	
FENTIMAN, A. G., LD., .....	lvii	
FERBER, R., LD., <i>Ess. Oils</i> .....	18	
FIELD, C. W., LD., <i>Saponine</i> .....	xi	
FINK, F., & CO., <i>Guins</i> .....	lvi	
FLETCHER, FLETCHER & CO., LD., <i>Tonic</i> .....	3, Text	
FORD, SHAPLAND & CO., LD., <i>Printing</i> .....	liv	
FRAME FOOD CO., <i>Foods</i> .....	xxxii	
FRENKEL, L., <i>Olive Oil</i> .....	xxxii	
FULFORD, C. E., LD., <i>Peps, Ven-Yusa</i> .....	37, 40	
GALEN MFG. CO., <i>Hot-water Bottles</i> .....	lvi	
GARDEN CITY RUBBER CO., <i>Rubber Corks</i> .....	xliv	
GATES, LESLIE, <i>Bottle Cappings</i> .....	44	
GILLARD GORDON, LD., <i>Eucalyptol</i> .....	xv	
GOUGH, KIDSTON & CO., <i>Chemicals</i> .....	xi	
GOWER, J., <i>Books</i> .....	Col. Supp.	
GREEFF, R. W., & CO., <i>Chemicals</i> .....	6, 7	
GREENWICH LEMONADE CO., .....	xxii	
GRIFFIN, J. J., & SONS, LD., <i>Machinery</i> .....	xlviii	
GUILDFIELD CORR. PKG. MATERIALS CO., .....	xlv	
HAMMOND, JEFFREY & CO., .....	v	
HAMPSHIRE, F. W., & CO., <i>Snowfire</i> .....	32	
HARWOOD BROS., <i>Pipes</i> .....	39	
HARLEY, T., <i>Rat Poison</i> .....	lviii	
HAY, E. J., & CO., LD., <i>Caramel</i> .....	xxii	
HERTZ & CO., <i>Cod Liver Oil, &amp;c.</i> .....	xxxv	
HILLCREST OIL CO. (Bradford), LD., .....	xxxiii	
HOFFMANN-LA ROCHE CHEMICAL WORKS LD., <i>Alkaloids, &amp;c.</i> .....	xix	
HOLLAND'S DISTILLERY, LD., .....	12, 13	
HOLIDAY, L. B., & CO., LD., <i>Chemicals</i> .....	x	
HOLT, THOMPSON & CO., <i>Salsify Acid</i> .....	xiii	
HUBBUCK, T., & SON, LD., <i>Oxide of Zinc</i> .....	iv	
HUIKING, C. L., INC., <i>American Drugs</i> .....	xv	
HYPOSOL, LD., .....	Text	
ICILMA CO., LD., <i>Toilet Preps.</i> .....	31	
JACKE ET CIE (of Paris), LD., <i>Hair Cream</i> .....	8	
JOB BROS., <i>Cod Liver Oil</i> (Newfoundland) .....	43	
"JOHN BULL" WINDOW DRESSING COMPANY .....	42	
JOHNSON, A., & CO. (LONDON), LD., <i>Drugs</i> .....	vii	
JOHNSON & SONS (Mfg. Chts.), LD., .....	ix	
JOHNSON, MATTHEY & CO., LD., <i>Rare Metals</i> .....	xiii	
JOSEPHS, PHILIP, & SONS, LD., .....	Col. Supp.	
JOY'S MEDICINAL CAPSULE CO., .....	xii	
KEENE CO., <i>Aspirin, &amp;c.</i> .....	xxi	
KENT, G. B., & SONS, LD., <i>Brushes</i> .....	39	
KERFOOT, T., & CO., LD., <i>Distols</i> .....	14	
KNOX WALKER, J., & CO., LD., .....	29	

[Continued overleaf.]

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## INDEX—contd.

LANE, C., & SONS, *Cod Liver Oil* ..... xxxvi  
 LANG, JULES, & SON, *Glassware* ..... xlii  
 LANKSHEAR, WICKSTEAD & CO., LD. ..... xii  
 LEE, A., & CO., *Nail Scissors* ..... xvii  
 LEICESTER RUBBER CO., "Mend-a-Tear" ..... lv  
 LEIGHTON LABORATORIES, LD., *Shampoo* ..... 26  
 LEVERMORE, A., & CO., LD., *Precip.*  
 Chalk ..... lvi  
 LICHTENSTEIN & CO., LD., *Caramel* ..... Text  
 LINTON, HUBBARD & ANDREW ..... xx, xxi  
 LOCKWOOD, J. R., & CO., LD., *Stationery* ..... 30  
 LOFTHOUSE & SALTER, LD., *Health Salts* ..... xxviii  
 LONABAR TRADING CO., *Essential Oils* ..... 16  
 LONGHORN PHARMACEUTICAL REFINERS, LD. ..... 18  
 LUSTY, W., & SONS, *Packing Cases* ..... lii  
 LYONS FAIR ..... 42  
 McDougall Bros., LD., *Dog Medicines* ..... lvi  
 M GLASHAN, D., *Fruit Drink* ..... xliii  
 MAC SWEEN, E., *Corn Cure* ..... lvi  
 MACANDREWS & FORBES, LD., *Liquorice* ..... xxi  
 MACFARLAN, J. F., & CO., *Alkaloids* ..... ii  
 MACHON'S COMFORTINE CO., ..... xlii  
 MAGNUS, MABEE & REYNARD, INC. ..... 16  
 Malmberg, K., *Cod Liver Oil* ..... xxvii  
 MARET & CO. (London), LD., *Sponges* ..... 39  
 MASON BROS. & CHAPMAN ..... xvii  
 MAW, S., SON & SONS, LD. ..... 11  
 MEADE-KING, ROBINSON & CO., LD. .... xxii  
 MEGESOS & CO., LD. ..... 32  
 MEINDERSMA, B., *Dutch Trade* ..... xvi  
 MENDINE CO., *Cement* ..... lii  
 MENOLAN CO. ..... xxvi  
 MENTHOLATUM CO. ..... xxvi  
 MERTEN, F., *Showcards* ..... 18  
 MILIAR, A., & CO., LD., *Quinine Wine* ..... xlii  
 MILLARD BROS., LD., *Electric* ..... ix  
 MILIBAY SOAP & NEW PATENT CANDLE  
 CO., LD. ..... Text  
 MILNER, J., & CO., *Surgical Knives* ..... xvii  
 MILNER'S CHEMICAL CO. ..... xxvi  
 MORRIS, LITTLE & SON, LD., *Sheep  
 Dips, &c.* ..... ix  
 MORSON, THOMAS, & SON, LD., *Chemicals* ..... vi  
 MOUSLEY, F. A., *Beaverpuff* ..... 8  
 NALBOROUGH & SONS *Caraway Seed* ..... xv  
 NAPPER & DAVENPORT, *Aluminium Containers, &c.* ..... 1  
 NAUMANN, W. ..... Text  
 NEWBALL & MASON, *Herb Extract* ..... xxvii  
 NEWBURY, F., & SONS, LD., *Sundries* ..... 36  
 NILDE, *Face Powder* ..... 33  
 NOLTH, V. C., & CO., *Pine Chemicals* ..... viii  
 NORTHCROFT, H. ..... xli  
 NORTHERN TIN CANISTER WORKS ..... xli  
 OAKLEY, JOHN, & SONS, *Kaife Polish* ..... xlii  
 OLDFIELD, PATTISON & CO., *Pharm. Preps.* ..... 5  
 P.A.T.A. ..... xxii  
 PAGE, CHAS., & CO., LD., *Chemicals* ..... ix  
 PAINE & CO., LD., *Malt Extract* ..... 43  
 PARFUMS DE ROSINE ..... 9  
 PARNALL & SONS, *Shop Fittings* ..... lii  
 PERET & HOPE, LD., *Malt Extract* ..... xxvii  
 PHARMACEUTICAL LANOLINE CO., *Lanoline* ..... 18  
 PICERNO, V. A., *Chemicals and Drugs* ..... viii  
 PICKARD, IVE & RANKIN, LD., *Acet-Sul. Acid* ..... vi  
 POTTER & CLARKE, LD., *Herbs, Asthma* ..... xxx  
 PRESTON'S LIVERPOOL DIST. CO., LD. ..... xliii  
 PRICE, A. S., & CO., LD. ..... x  
 PRICE'S PATENT CANDLE CO., *Perfumed  
 Calendars* ..... 8  
 PURU RUSSIAN LIQUID PARAFFIN CO.,  
 LD. ..... xxiv  
 QUELCH, HENRY C., & CO., LD. 20, 21, 22, 23, 24, 25  
 RAWLEY, R., *Capping Skins* ..... 44  
 RAWORTH, J. E., & MOSS, PAT., *Agents* ..... xlii  
 RAYMET & CO., LD., *Shampoo* ..... 28  
 REDDIGRAVE, BUTLER & CO., *Paraffin* ..... Cover  
 RELIANCE RUBBER CO., LD., *Hof Water  
 Bottles* ..... xlii  
 REYNOLDS, A. T., *Thermometers* ..... xvii  
 RICHFORD, C. D., *Rubber Stamps* ..... lvi  
 ROBARTES, LD., *Toilet Preps.* ..... 30  
 ROBERTS' PATENT FILLING MACHINE CO. ..... 1  
 ROQUES, FERDINAND, *Alkaloids, Caco-  
 dylates* ..... xvi  
 ROSE, J. L., *Pyrogallic Acid* ..... xii  
 ROSENBLATT, SAMSON, *Chemicals* ..... xiv  
 ROZEN, L., & CO., *Chemicals* ..... xi  
 RUDD, F. M., *Essential Oils* ..... 18  
 RUDDUCH & CO., *Shop Fittings* ..... Col. Supp.  
 SACCHARIN CORPORATION, LD., *Novocain* ..... viii  
 SAMPSON & WHITE, LD., *French Chalk* ..... xlii  
 SANAGEN CO., LD., *Nerve Food* ..... xli  
 SANITAS CO., LD., *Disinfectants* ..... Text  
 SANGERS ..... 35  
 SCHOLD MFG. CO., LD., *Foot Appliances* ..... xlii  
 SCHULZIE, F., & CO., *Puffs* ..... lvi  
 SHADINE CO., *Hair Dyes* ..... lvi  
 SHERBORE, T., & CO., *Suspension  
 Bandages* ..... xlii  
 SIBER, HEGNER & CO., *Agency* ..... xvi  
 SMITH, MASTRIC, & CO., LD. ..... xxvii  
 SMITH, T. & H., LD., *Drugs* ..... v  
 SOCIETE VOOR CHEMISCHE INDUSTRIE  
 KATWIJK, *Caffeine, &c.* ..... xix  
 SORBO RUBBER SPONGE PRODUCTS, LD. ..... xlii  
 SPARKE, G. W., *Ess. Oils* ..... 16

SPATULA PUBLISHING CO., *Books* ..... lv  
 STANSFIELD, J. L., *Cotton Wool* ..... xli  
 STARUP, G. C., *Chemical Works* ..... xii  
 STEARNS, F., & CO., *Pepsins* ..... xiv  
 STEPHENS BROS. & CO., *Ess. Oils* ..... 16  
 STEPHENSON, R. A., LD., *Gummed Tape* ..... li  
 SULPHURIC ACID, *Bor* 71-12 ..... xi  
 SUNLIGHT MFG. CO., LD., *Electric* ..... xxi  
 SUTTLEY & SILVERLOCK, LD., *Printing* ..... iv  
 TAYLOR, G. J., & CO., LD. ..... x  
 TEXALO MFG. CO., *Water Paint* ..... xlii  
 THAMES RUBBER & LEATHER CO. ..... xlii  
 THERAPEUTIC FOODS CO. ..... xliii  
 THEW, HOOKER & GILBEY, LD., ..... xxvii  
 THOMPSON & CAPPER, LD., *Quinphos* ..... xxxi, xliii  
 TIMPSON, JOHN, & CO., LD. ..... xlii  
 TITTERTON & HOWARD, *Brushware* ..... 38  
 TOINOCO PAPER HANDKERCHIES ..... xlii  
 TOMODA & CO., *Japanese Chemicals, Drugs* ..... xiv  
 TOMPKINS, J., LD., *Hot-Water Bottles* ..... xlii  
 TOOMBS, A., & CO., *Capping Skins* ..... 44  
 TURNER BROS., *Asbestos Co.*, LD. ..... xlii  
 UCAL ..... 46  
 VAN DER HEYDEN, T., *Nail Files, &c.* ..... 34  
 VENESTA, LD., *Tinfoil* ..... ii  
 VERNON GOULD, A. ..... xvii  
 VICTORS, LD., *Sodium Phosphate* ..... iv  
 VISCOSO CO., LD., *Bottle Cappings* ..... 44  
 WAIDE, THOS., & SONS, *Chemists' Printing* ..... liv  
 WALKER, G., & SON, *Eusalax* ..... xxviii  
 WALLACE HEATON, LD. ..... Col. Supp.  
 WALTON, T. H., & CO., LD., *Saccharin* ..... xx  
 WARD & GOLDSTONE, LD., *Electric* ..... ix  
 WASHINGTON CHEMICAL CO., LD.,  
*Maquicia* ..... Cover  
 WAITFORD MFG. CO., LD. ..... xxix  
 WEST-END PHARMACY SUPPLI. *Capsules* ..... ivi  
 WESTMINSTER COLLEGE OF PHARMACY ..... xvii  
 WHIFFEN & SONS, LD., *Emetic Salt* ..... viii  
 WHITE, J. & J., LD., *Bichromates* ..... ii  
*Dyes* ..... ix  
 WILKINSON CUTLERY CO., LD., *Razors* ..... xliii  
 WILLIAMS BROS. & CO., *Colours* ..... ixiv  
 WILLIS, A., & ARTHUR, LD., *Per-  
 fume Brick* ..... 9  
 WINOX, LD., *Wine* ..... xxix  
 WINTER, E., & CO., LD., *Silver Leaf, &c.* ..... xli  
 WOOD BROS. GLASS CO., LD. ..... xli  
 WOOLLEY, JAS., SONS & CO., LD. .... Cover  
 WRIGGLESWORTH, E. H., LD. .... xlii, lviii  
 ZENOBIA, LD., *Perfumes* ..... 9

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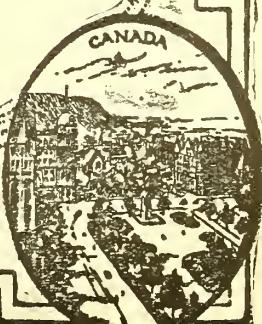
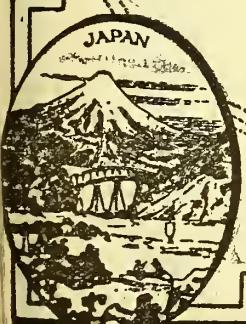
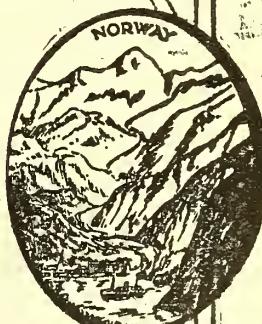
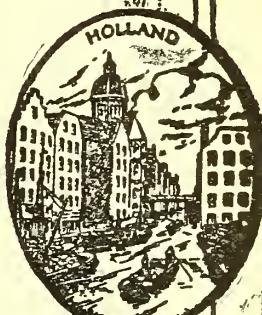
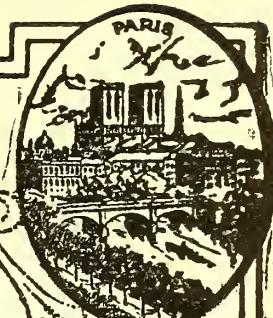
ACETYL SALICYLIC ACID  
ANTIPYRIN  
BENZOIC ACID  
COCAIN  
EUCALYPTUS OIL  
GALIC ACID  
PYROGALLIC ACID  
SALICYLIC ACID  
SALICYLATE OF SODA

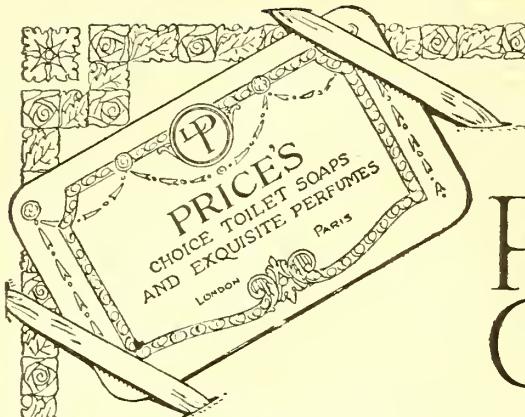
*Enquiries also solicited for our usual range of  
Pharmaceutical and Photographic Products.*

**R. W. Greeff & Co.**  
THAMES HOUSE, QUEEN STREET PLACE,  
LONDON, E.C.4.

MANCHESTER BRANCH:  
Lloyd's Bank Buildings, King Street.

NEW YORK AGENTS:  
R. W. Greeff & Co., Inc., 78, Front Street.





# PRICE'S PERFUMED CALENDARS

These dainty and popular Calendars, suitable for vest pocket and vanity bag, will shortly be available for gratis distribution. We shall be happy to forward supplies in order of precedence to friends in the trade who apply for them.

This year, the calendars will be perfumed with the popular

## WALLFLOWER PERFUME

now recognised as one of Messrs. Price's specialities. Wallflower is put up in various sizes and packings.

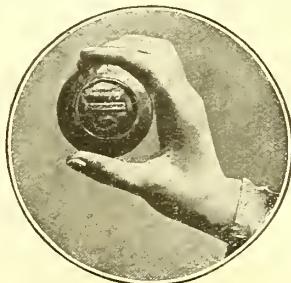
Ask us about it when writing us for Calendars.

*At your Service—*  
PRICE'S  
BATTERSEA  
S.W.11.

## MOUSLEY'S 'BEAVERPUFF'

Patent Nos. 4931 and 4932.

*The Ladies' Natty Friend.*



Just out. Demand great.  
Delightfully soft in use.  
Superior to artificial Puffs.  
Write for Prices and Terms

F. A. MOUSLEY  
(MAKER)

Priest Bridge, Mortlake,  
London, S.W. 14.

## "Jackel's Cream" (without Grease) for THE HAIR

*Sold everywhere*

Established 1883.



CRYSTALLISED  
1/6 CREAM 2/6  
Trade Mark attached to each  
bottle.

"Jackel's Cream" fixes the hair in any desired position; is unexcelled as a dressing and does not soil the headware. It removes Scurf and Dandruff, keeps the scalp healthy, and promotes the natural growth of the hair while maintaining its softness and brilliancy.

*Prices for Wholesale and Export  
Houses on application.*

Jackel et Cie (of Paris)  
Ltd.  
Sauchiehall Street  
GLASGOW

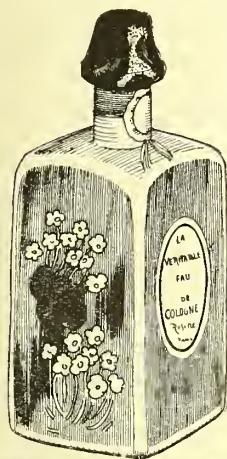
## LES PARFUMS DE ROSINE

**STRIKING XMAS NOVELTIES FROM THE SALONS OF PAUL POIRET—PARIS.** Total business in original and repeat orders with 30 London retailers only, exceeds £2,000 for 3 months.

## EAU DE COLOGNE

In hand-painted glass-stoppered bottles, capped with Poiret satins. Every bottle specially and differently painted.

	Each retail
1/2-litres	18/9
2 " "	29/6
1 "	57/6



**TRADE DISCOUNT  
33½ % CASH 30 DAYS.  
CARRIAGE PAID.**

Full Price List and coloured illustrations gladly sent on request.

*Sole British Agent :*  
**W.H. CALNAN**  
30-32 Ludgate Hill, London, E.C.4

## FACE POWDERS

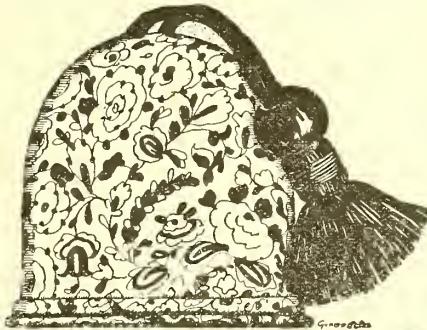
In gay chintz-covered tasseled boxes. No two alike—all usual tints.

## FLAT SHAPE—

Small 5/9 each retail; large 9/6 each retail.

## DOME SHAPE—

Small 7/6 each retail; large 10/6 each retail.



**SALES  
BEAT ALL RECORDS.**

## INDIAN PERFUME BRICK

KEEPS AWAY MOTH.  
LASTING & FRAGRANT.

**PERFUME  
BRICK**

FOR LINEN CUPBOARD AND WARDROBE.

Retail Price, 6d.

Of the Makers.  
**ALBERT WILLIS & ARTHUR, Ltd.**  
6 Mortimer St., London, W.  
AND ALL WHOLESALERS.

**ZENOBLA** Eau de Cologne and Zenobia Lavender Water, on account of their delightful fragrance and general excellence, are assured of lasting popularity with your customers. Once used, they need no further recommendation.

Ideal as perfumes—refreshing as restoratives—and invaluable as purifiers in the sick-room.

**ZENOBLA**

EAU DE  
COLOGNE

Eau de Cologne

Retail Prices : 1/6 to 40/- per bottle.  
Wholesale Prices, per doz. : 13/6 to 360/-

Lavender Water

Retail Prices : 3/- to 25/6 per bottle.  
Wholesale Prices, per doz. : 27/- to 229/6.

*Less usual discount.*

Zenobia Eau de Cologne and Zenobia Lavender Water in the watch-shaped bottles are especially quick sellers; they are most convenient for hand-bag, suit-case or pocket.

**ZENOBLA** Ltd., LOUGHBOROUGH,  
LEICESTERSHIRE.

# Les Parfums de Nicolai

*Wholesale and Export only*

**SHOWROOMS:**

Piccadilly Circus

Lancashire & Cheshire Agents: Messrs. Midgley, Ltd., Mayes Street, Manchester

**HEAD OFFICE:**

19 Hand Court, High Holborn, W.C.1

Lancashire & Cheshire Agents: Messrs. Midgley, Ltd., Mayes Street, Manchester

We invite your order **now** for our **high-class exclusive** productions for the forthcoming season.

New and beautiful packs—lovely designed bottles and labels—completed in real Paris dainty boxes.

## NICOLAÏ "JAZZ" Perfume

(A beautiful boxed creation)

Cost per doz.

**204/-**

## NICOLAÏ "Trois Fleurs"

(Anglo-French American exclusive gorgeous cut-glass bottles)

**156/-**

## NICOLAÏ A.F.A. Bouquet

(Anglo-French American, a very acceptable gift)

**90/-**

## NICOLAÏ "Brise d'Amérique"

(Quite exclusive—as advertised)

**150/-**

Smaller size ... ... ... ... ...

**90/-**

## NICOLAÏ Rose de Picardie

**68/6**

## NICOLAÏ Lily de Provence

**and**

## NICOLAÏ Le Nouveau Chic

**104/-**

(3 very dainty lines in French grey boxes lined  
satin)

Face Powder ... ... ... ...

**36/-**

Face Cream—very artistic pot....

**30/-**

Brilliantine—glass-stoppered bottles ...

**30/-**

Also a very smart set of samples of above

**12/6**

Per box.

Our specially designed gold and other labels are admittedly the best yet produced.

Please send your orders early, and name month you wish delivery.

Our goods and prices will be appreciated by your discriminating clientèle.

We hope you will appreciate the margin of profit. Inquiry invited.

# A.F.A. CHEMICAL CO., LTD.

# Maw's Page

No. 420

NOV. 1, 1919.

EVERY pharmacist knows the growing popularity of cosmetics and pomades in the days of frost and wind. At the first signs of a despoiled complexion the outdoor enthusiast naturally turns to the nearest pharmacy for relief.

Are you prepared to satisfy the needs and whims of *your* discriminating customers?

Have you an ample stock of those "sell on sight" autumn and winter lines?

The following examples are of that quality always associated with the "*House of Maw*."

Make your selection for the present season.

#### "PAREX" LIP POMADE.

Red or white. Put up in sateen finish aluminium cases. Price 3/9 per dozen, with bonus.

#### COLD CREAM.

No. 104. In fluted pots with celluloid caps. Perfumed with Otto of Roses. Price 7/6 per dozen.

#### CAMPHOR ICE.

No. 5. Wrapped in fancy tinfoil, and supplied in neat oblong tins. Price 5/3 per dozen.



S. MAW, SON & SONS, LTD  
7-12, ALDERSGATE ST, LONDON, E.C.1, ENGLAND.



— SICILIAN —  
LEMON - BERGAMOT  
ORANGE - MANDARINE.  
— SPINELLI —

THE OILS THAT HAVE A LONG  
REPUTATION FOR QUALITY.

---

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any # # # analysis as to purity. # # #

---

**HOLLANDS DISTILLERY LTD.**

**Lavington Street, Southwark, LONDON, S.E. 1**

A B C Code, 5th Edition.  
Western Union.

Telegrams: "LANDSLOH, LONDON."  
Telephone: HOP 898.

AMERICAN AGENTS—O. A. BROWN CO., INC., 99-101 Beckman Street, NEW YORK.  
CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

# TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

**WE SPECIALISE IN TERPENELESS :**

**Anise (Anethol)**

**Bay**

**Bergamot**

**Caraway**

**Cassia**

**Cinnamon**

**Clove**

**Dill**



**Geranium**

**Ginger**

**Juniper Berry**

**Lavender**

**Lemon**

**Limes**

**CITRAL**

**Mandarin**

**Nutmeg**

**Orange**



**Peppermint**

**Petitgrain**

**Rosemary**

**CINNAMIC**  
**ALDEHYDE**  
**GERANIOL**

**EUCALYPTOL**



# HOLLANDS DISTILLERY, Ltd.

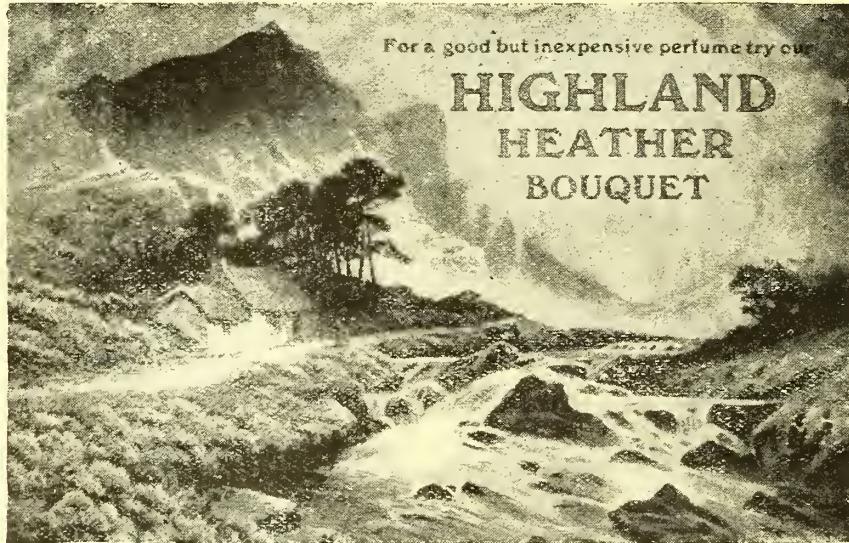
Lavington Street, Southwark, London, S.E. 1.

A B C Code (5th Edition),  
 Western Union.

Telegrams : "LANDSLOH LONDON,"  
 Telephone : HOP 898.

**AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman St., New York.**  
**CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, Toronto.**





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## THE "DISTOL" SHOWCARD SERVICE.

THE above is a miniature monochrome reproduction of the brightly coloured window bill (size  $7\frac{1}{2} \times 11$ ) supplied free to users of Highland Heather "Distol." It is typical of the large assortment of showcards, window bills, counter cards, etc., that make up the "Distol" Showcard Service. Chemists say they have proved very effective from the sales-promotion standpoint.

"Distol" Ottos, simply require dilution with S.V.R. and a proportion of water to furnish an immediate supply of delightful perfume at a most reasonable cost. 34 varieties. Samples and prices free on request.

THOMAS KERFOOT & CO LTD,  
BARDSTLE VALE, LANCASHIRE,  
& Bardsley House, London, N.1  
ESTABLISHED 1767.

COPYRIGHT

# The nucleus of your Xmas window

PAGE 15  
AYRTONS

We have  
posted  
Ayrton's  
Supplement

Has your  
copy come  
to hand ?



Ayrton's Standard Series of Perfumes.  
Each odour is beautifully presented in rich art shades, with the exception of Scotch Heather, and in this case the vigorous colouring of the Farquharson Tartan makes a valuable contrast.

Each Showcard has been specially designed for display purposes.

Each Perfume yields an excellent profit, and gives the fullest possible value to the purchaser.

Ayrton's Standard Series includes: English Iris, Scotch Heather, Royal Orchid, Sweet Violet, Golden Daffodil and Pink Carnation.

Retail price ... per bottle, 3/-; Wholesale ... per dozen, 24/-

**Order now**  
to ensure delivery  
in time for display

*A*YRTON, SAUNDERS & CO. LTD.  
LIVERPOOL

*Lieti fiori, e felici e ben nate erbe*

# FRAGRANCE of Italy.

Oils of

Bergamot 38/39% Pure  
Lemon F.P.  
Natural Sicilian Neroli.  
Orange, Sweet or Bitter.  
etc. etc.

*Let us send our Weekly Quotation.*

**G.W. SPARKE.**

Prodotti Chimici Italiani  
Milan. Rome. Turin.  
Via Orefici 5. Via Repubblica 9. Corso Orbassano 9  
77 Chancery Lane, London, W.C.2

## AMERICAN ESSENTIAL OILS

"MOHAWK" BRAND  
**OIL PEPPERMINT (Natural)**

OIL CEDARWOOD OIL HEMLOCK  
OIL CEDARLEAF OIL BIRCH

**Heliotropine Crystals C.P.**  
**Vanillin C.P.**  
**Coumarin C.P.**  
**Oil Wormseed, American.**  
**Oil Wintergreen Leaf**

**U.S.P.**

**MAGNUS, MABEE & REYNARD, Inc.**  
Essential Oils, Chemicals and Drugs,  
**NEW YORK - - U.S.A.**  
Cables—"MAGLAUR."

## PURE SPANISH ESSENTIAL OILS

(LONABARC BRAND).

FENNEL (SWEET & BITTER)  
ANISEED  
COGNAC (WHITE & GREEN)  
ABSINTHE  
SAGE

CHAMOMILES  
LAVENDER FLOWERS

ROSEMARY  
SPIKE LAVENDER  
GERANIUM  
THYME (RED & WHITE)  
PENNYROYAL

STRAMONIUM  
QUINCE SEEDS

ORANGE  
LEMON  
BERGAMOT  
NEROLI  
PETITGRAIN

Write for samples and prices to LONABARC TRADING CO. LTD., 5 FINSBURY SQ., LONDON, E.C. 2.  
Telegrams: "LONABARC, AVE, LONDON."

Phone: LONDON WALL 9020.

## ROURE BERTRAND FILS, GRASSE.

Established  
1820.

LAVENDER (French), SPIKE LAVENDER (French and Spanish)  
NEROLI, GERANIUM (AFRICAN and BOURBON), SANDALWOOD, PETITGRAIN (FRENCH and AMERICAN),  
VETYVER (JAVA and REUNION), ROSEMARY, BOIS DE ROSE FEMELLE, YLANG, &c.  
ORRIS CONCRETE and LIQUID.  
ESSRNCES, SOLIDES and LIQUIDS from flowers. RESINOIDS and POMADES.  
We have Stocks in London of the most important Essential Oils and Perfumery Products.

## JUSTIN DUPONT, Argenteuil (S. & O.), France

Makers of SYNTHETIC PERFUMES  
and some of the finest original odours extant, for Sachets, &c.

SOLE AGENTS FOR THE UNITED KINGDOM:  
STEPHENS BROTHERS & CO., 2, 5, & 6 Bury Court, St. Mary Axe, London, E.C.3.  
Wholesale Houses only supplied.

***NOW is the time to buy***

Aniseed Oil, Liquorice Juice  
Eucalyptus Oil, Olive Oils  
Castile Soap, Petroleum Jelly  
Norwegian Cod Liver Oil  
Camphor

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***Let us supply you with samples,  
prices and full particulars***

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**F. CHIESMAN & CO.**  
**59 St. Mary Axe, LONDON, E.C. 3**

Telegraphic Address: "PALUSTRIS, LED, LONDON."

Telephone: AVENUE 63 (2 lines); 6994.

Code: ABC, 5th Edition.

And at LIVERPOOL, GLASGOW, BRISTOL, &c.

# Cresp-Martineng

(Grasse, France),

Manufacturers of

**ESSENCES & PRIME  
MATERIALS for MANUFACTURING  
PERFUMERS,  
CONFECTIONERS,  
ETO.**

**SYNTHETICS,  
ARTIFICIAL VIOLETS  
(MYRIONE),  
ARTIFICIAL MUSK.**

ENQUIRIES SOLICITED. LARGE STOCKS

ROBERT FERBER, LTD.  
98/104 OAKLEY STREET,  
LONDON - S.E. 1. Agents for  
the UNITED KINGDOM &  
CANADA

F. M. RUDD,

Bronson,

MICHIGAN,

U.S.A.

## GENUINE AMERICAN PEPPERMINT OIL

"Columbia" Natural  
"Diamond White"  
Re-distilled.

Finest qualities for Druggists,  
Distillers and Confectioners.

Sole Consignees in United Kingdom—  
R. W. GREEFF & CO.  
Thames House,  
Queen St. Place, LONDON, E.C.

## F. MERTEN, the SHOWCARD EXPERT

UNSOLOITED TESTIMONIAL. Patricroft, Sept 15/19.  
DEAR SIR—My hearty thanks for showcards to hand this morning,  
and for the surprisingly quick execution of my order. Again I find the  
cards a pleasant surprise; there seems no limit to the ingenuity of your  
arrangement of subject matter. As reliable aids to packing stock into  
the till I find the cards splendid.

I shall continue to come again. Remittance enclosed herewith.  
With best wishes, yours cordially, R. B.

112 Warham Road, Harringay - LONDON, N. 4.

## XMAS WINDOW TICKETS & WINDOW POSTERS.

produced in Artistic & Refined Colorings  
for advertising Christmas Presents.  
LIST SHOWING 100 DESIGNS FREE.  
DUDLEY & COY HOLLOWAY R. LONDON N.

# ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

Carnwath Road, Fulham, London, S.W.

WHO INVITE INQUIRIES.

# "Lanzone" Lanolin

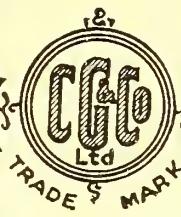
The Odourless Adeps Lanæ, B.P. Manufactured by  
THE LONDON PHARMACEUTICAL REFINERS, LIMITED,  
Martin's Yard, Endwell Road - LONDON, S.E. 4.

*In a leading article in the "Medical Press" of June 26, 1918, occurs the following:—*

*"I hope that the same effort will be made to abolish Hun drugs as to get rid of Hun dyes. In one direction I am glad to find that this is being seriously attempted. One of the most important bases for ointments is lanoline. Now the English lanoline which is made by the London Pharmaceutical Refiners, Limited, of Brockley, has the merit of being superior to the old German lanoline. The B.P. allowance of fatty acids is 7, whereas this new English lanoline shows only 27. The new preparation is quite odourless, and acid fats do not develop in it by keeping. These are great merits, and show the extreme care with which the refining process has been carried out by the British refiners."*

*Samples and Quotations from the Selling Agents:*

THE PRODUCE BROKERS' COMPANY, LIMITED, 24 St. Mary Axe, LONDON, E.C. 3.



# Plasters

We invite applications for copies of our new Price List for Plasters which indicates the range of lines we manufacture, including:

**ADHESIVE.** Rubber Combination. Spools, tins, or rolls.

**POROUS.** All kinds.

**MARGINAL.** A full range.

**MUSTARD.** On cloth or paper, in envelopes or tins.

**ZINC OXIDE.** Spools or tins.

**COURT PLASTERS** on cloth or silk. Plain or perforated etc. etc.



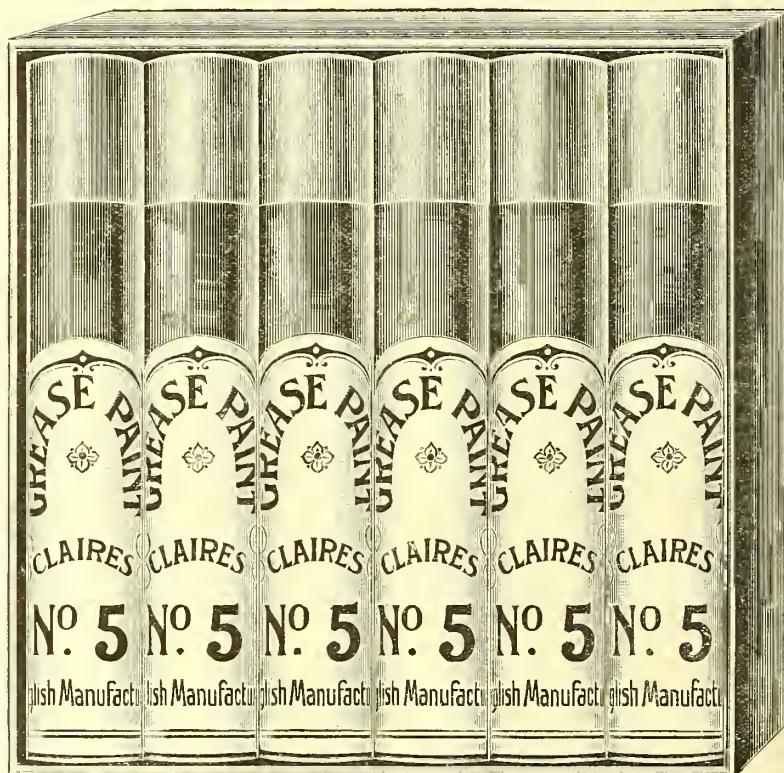
**CUXSON, GERRARD & CO. LTD.**  
OLDBURY, near BIRMINGHAM.

*Export and Colonial inquiries specially invited.*

# CLAIRÉS GREASE PAINTS

BRITISH MANUFACTURE.

- 1 Lady
- 1½ " Very young man
- 2 Young man
- 3 Man
- 3½ Man, dark coloured
- 4 Warrior, Sailor
- 4½ Illo (Wallenstein)
- 5 Flying Dutchman
- 5½ Yellowish
- 6 Old man
- 6½ Envy (Intriguer)
- 7 Opera "l'Africaine"
- 8 Mogul (Chinese)
- 8a Mikado (Japanese)
- 9 Red Indian
- 10 Opera "Aida"
- 11 Otello
- 12 Negro (Australian)
- 13 Mulatto
- 14 Moor (N. African)
- 15 Indian
- 16 Bohemian (Gypsy)
- 20 White
- Carmine Vermilion
- do. I.
- do. II.
- do. III.
- Rose I, II, III.
- Galetty Blue.



PER **4/9** DOZ.

LINING  
PENCILS

BROWN (Light, Medium, Dark). BLACK.  
BLUE (Light, Medium, Dark). OLD RED.  
WHITE AND GREY.

LONG, **3/6** per doz.

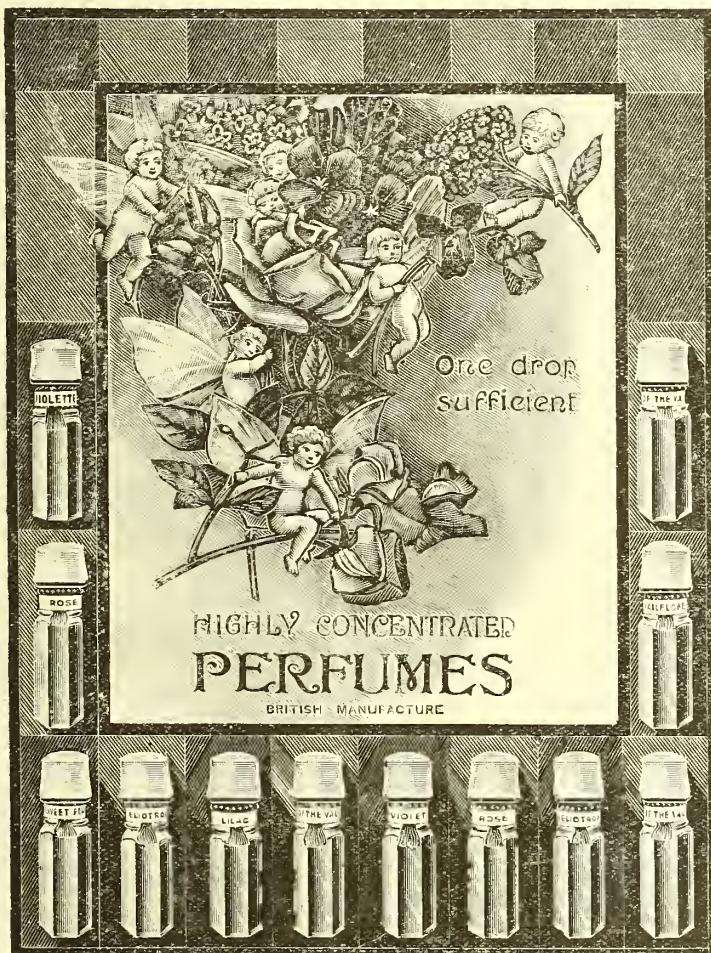
SHORT, **3/-** per doz.

## HENRY C. QUELCH & CO.

4 & 5 LUDGATE SQUARE, E.C. 4.

# CLAIRE'S CONCENTRATED ODORS

Each Bottle has a Glass-Rod Stopper.



18/- per Card of One Dozen.

**HENRY C. QUELCH & CO.**  
4 & 5 LUDGATE SQUARE, LONDON, E.C.4

# “CUTEX” NAIL PREPARATIONS

NORTHAM WARREN CO., MONTREAL AND NEW YORK

YOU ARE LOSING  
BUSINESS IF YOU  
ARE NOT CARRY-  
ING A FULL STOCK

## “CUTEX” Manicuring Preparations

	1 Dozen
No. 1 Cutex, The Ideal Cuticle Remover "Small" ... ... ... ...	18 -
No. 2 Cutex, The Ideal Cuticle Remover "Medium" ... ... ...	36 -
No. 4 "Cutex" Nail White ... ...	18 -
No. 5 "Cutex" Nail Polish Cake "White"	18 -
No. 6 "Cutex" Nail Polish Cake (Pink)	18 -
No. 7 "Cutex" Nail Polish Cake (Trial Size)	5 6
No. 8 "Cutex" Nail Polish Powder ...	18 -
No. 9 "Cutex" Nail Polishing Paste (Pink)	18 -
No. 10 "Cutex" Nail Polishing Paste (Nail)	18 -
No. 11 "Cutex" Liquid Nail Enamel ...	18 -
No. 13 "Cutex" Cuticle Comfort ...	18 -
No. 14 "Cutex" Nail Bleach Powder ...	18 -
No. 15 "Cutex" Rouge ... ...	18 -
No. 16 "Cutex" Compact Manicure Set ...	25 6
No. 17 "Cutex" Travelling Manicure Set	78 -
No. 18 "Cutex" Boudoir Manicure Set ...	162 -
No. 22 "Cutex" Nail Polish Stick ...	18/-

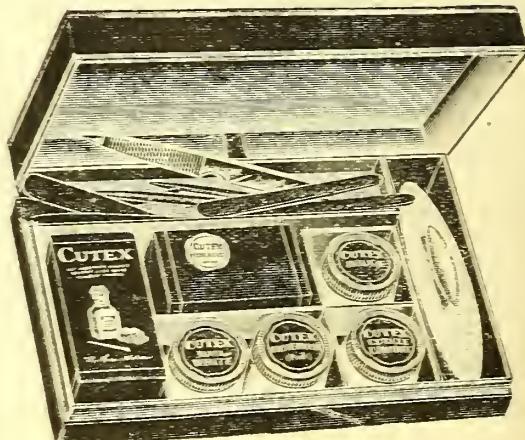
THESE PREPARATIONS CAN  
BE OBTAINED FROM ALL  
WHOLESALE HOUSES



No. 16 COMPACT SET



No. 17 TRAVELLING SET



No. 18 BOUDOIR SET

SOLE AGENTS

**HENRY C. QUELCH & CO.**  
4 & 5 LUDGATE SQUARE, LONDON, E.C. 4

# “CUTEX” CHRISTMAS SETS

Only a limited quantity have been received, and owing to shipping difficulties no further supplies can arrive in time for this season's trade.



No. 16c. 25/- dozen.



Contents.



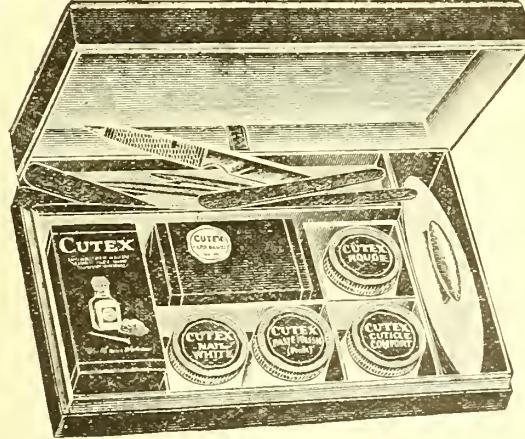
No. 17c. 78/- dozen.



Contents.



No. 18c. 162/- dozen.



Contents.

SOLE AGENTS:

**HENRY C. QUELCH & CO.**  
4 & 5 LUDGATE SQUARE, LONDON, E.C. 4

# Flexible Nail Files.

MANUFACTURED BY

C. H. BATES & CO., Chester, Conn., U.S.A.

*Removal of Restriction of Imports.*

FIRST  
QUALITY.  
—  
PLAIN STEEL.

No. 3707.  
3 in., 5/6 doz.  
3½ " 5/6 "  
4 " 5/6 "  
4½ " 6/3 "  
5 " 6/9 "  
5½ " 7/6 "  
6 " 8/- "  
7 " 9/- "  
8 " 10/- "  
Carded.



Assorted, on cards, 3 in. to 6 in., 7/6 doz.

SUPER  
QUALITY.  
—  
PLATINUM  
FINISH.

3 in., 11/6 doz.  
3½ " 11/6 "  
4 " 11/6 "  
4½ " 12/- "  
5 " 14/- "  
5½ " 15/3 "  
6 " 17/3 "  
Carded.

All the above are IN STOCK in LONDON.

*Special Quotations to Exporters and Wholesalers.*

Supplies can be obtained from all London and Provincial Wholesale Houses. Be sure that every card is stamped

**“BATES” Flexible Files.**

SOLE AGENTS :

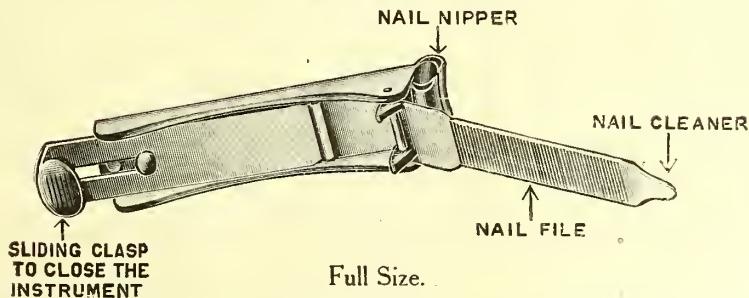
HENRY C. QUELCH & CO., 4 & 5 Ludgate Sq., London, E.C.4.

# FIRST ARRIVAL OF A NEW NAIL NIPPER

MANUFACTURED BY  
THE MANI-CLIP CO. - NEW YORK



PER 13/6 DOZEN.



**SPECIAL TERMS TO WHOLESALEERS AND SHIPPERS.**

SOLE AGENTS

## Henry C. Quelch & Co.

4 & 5 LUDGATE SQUARE, LONDON, E.C. 4.



The  
**HENNA  
CULT**  
of Hair Beauty, based  
on the famous  
**EVAN-WILLIAMS**  
ORIGINAL  
HENNA SHAMPOO  
daily extends its boundaries, and is now a subject for popular journalism.

*It pays to sell this famous line.*

You will find full details of the profits realised in the October issue of "THE SHAMPOO SALESMAN," a copy of which is gladly sent on request.

Be sure to order



Wholesale only:  
THE EVAN-WILLIAMS CO., LTD.  
18 Ogle Street LONDON, W. 1.

## UNOFFICIAL TRAVELLERS

It has come to our notice that certain unscrupulous individuals are posing as representatives of Anzora. If you are in doubt as to the bona fides of any such person ask to see his Anzora visiting-card.

*Our travellers always carry  
the Anzora visiting-cards.*

Beware of substitutes. There is nothing "just as good" as Anzora.

Anzora Cream for slightly greasy scalps, and Anzora Viola for dry scalps. Of all wholesalers. Write for full particulars and attractive showcards.

**TRADE TERMS ON REQUEST.**



Anzora Perfumery Co., Willesden Lane, London, N.W.6

**US AND**

*Anthony Leighton*

NOTE THE  
P.A.T.A. PROFIT

would like to stand on your counter. We're nicely dressed too and everybody loves us. We tell the mummies and nurses all about the proper and nice way to keep their children's heads clean and free from "nasties." Suppose you send a postcard saying "Come along"?

"The  
Playtime Kiddies."

3/9 PER PER 6D  
DOZ PKT.

"PLAYTIME  
KIDDIES" card  
is Masonic faced  
and in many  
colours. It is a  
sleek too. It has  
a strut back and  
is most attractive.  
Goes with 2 x 6  
doz. Bonus,  
Decorated  
cartons with  
3 doz. Bonus,  
Carriage paid.

Can we send?

LEIGHTON LABS.  
35 Gray's Inn Rd.,  
LONDON, W.C. 1.



A Toilet Preparation  
of Distinction.

# Anglodol

DENTAL  
PASTE.

The perfect paste with the  
pleasant flavour.

A first-class article attrac-  
tively packed.

A profit builder which will  
bring repeat orders every  
time.

Full-size sample tube sent to  
any chemist for his personal  
trial, on receipt of a post-  
card.

Special bonus for window  
display.

RETAIL PRICE :

7½d. and 1/3

**Anglodol, Limited,**  
Odol Chemical Works,  
**Berkhamsted.**

Telephone :  
Berkhamsted 138.

Cables and Telegrams :  
"Anglodol, Berkhamsted"



LET US  
SEND YOU  
RIGHT NOW

the parcel indicated at foot; you will then by personal test know the reason why "Christy's Cold Cream" has such a wonderful sale and NEVER FAILS to REPEAT where once introduced

## CHRISTY'S COLD CREAM

Smooth, bland, white, pure and emollient, NEVER GOES RANCID—each tube in the pretty "two green" label and carton to match—6 in a swing-back show outer to sympathise.

YOU CAN EASILY SEE THE  
P.A.T.A. PROFIT YOU MAKE.

No. 7 Tube 4×½, per doz. 5/- P.A.T.A. 8½d.  
No 9 Tube 4×1, per doz. 7/- P.A.T.A. 1/-

We will send  
you, carriage paid

6 DOZEN SMALL TUBES

6 DOZEN LARGE TUBES.

May we ?

THE WAY TO ADDRESS THAT P.C. :  
T. CHRISTY & CO.,  
4-12 OLD SWAN LANE,  
LONDON, E.C. 4

You can now purchase RAYMET Shampoos in small quantities from most Wholesalers on bonus terms showing over 100% profit on cost.

Every Show Outer ( $\frac{1}{2}$  gross 3d. packets) has a form attached which, when filled up and returned to us, entitles you to receive 1 dozen 3d. packets free of charge.

Cost 10/-      Retails 21/-      Profit 11/-

(Each packet of  $\frac{1}{2}$  dozen 1/6 Cartons has a similar form attached which entitles you to one 1/6 carton.)

It's so simple—no new account—very little trouble—and a liberal profit on a quick-selling article. Why not include a  $\frac{1}{2}$ -gross outer in your order to-night?

The following Wholesalers stock Raymet Shampoos: Messrs. Ayrton, Saunders & Co. Ltd.; Barclay & Sons Ltd.; Butler & Crispe; Duncan, Flockhart & Co. (Edinburgh); Hedges Ltd.; Hovenden & Sons Ltd.; May, Roberts & Co. Ltd.; Oldfield, Pattinson & Co. Ltd.; Raimes, Clarke & Co. Ltd.; Sangers; T. & H. Smith Ltd.; Southall Bros. & Barclay Ltd.; Sutton & Co. Ltd.; John Thompson Ltd.; James Woolley, Sons & Co. Ltd.

**RAYMET & Co. Ltd.**

507/509 HARROW ROAD  
LONDON, W.10

A GOOD SELLING ARTICLE  
for the present season.

**ZEX NAIL  
VARNISH**

Attractively packed in blue cartons—labelled in blue and gold—each dozen in a show outer.

P.A.T.A. 1/3. Trade Price 11/- doz.  
 $\frac{1}{2}$ -doz. bonus free with orders for 3 dozen.

Zex Nail Varnish gives a beautiful lasting polish to the nails—each carton also contains a tube of powder for removing old varnish stains, etc.

**RAYMET & CO. LTD.**

When you realise the futility of stocking highly advertised but unprofitable proprietary articles, remember that for a period of over a quarter of a century

# Royal Court Hair Dye

**ROYAL  
COURT  
HAIR  
DYE**

5 Gold Medals  
and Awards.

SELLS IN ALL CLASSES  
OF TRADE.

**HAS ALWAYS** shown generous profit  
**HAS ALWAYS** given satisfaction  
**HAS ALWAYS** brought regular cus-  
tomers

**IS KNOWN EVERYWHERE**

**HAS NEVER** been equalled as a  
single solution dye, being  
unique in its composition  
and qualities, as acknowledged  
by users, distributors and  
competitors

**WORK OUT THE PROFIT**

**1/6 SIZE 12/- PER DOZEN**

**2/6 SIZE 18/- PER DOZEN**

**3/6 SIZE 30/- PER DOZEN**

Less 5% cash with order.

**ROYAL  
COURT  
HAIR  
DYE**

Over 25 Years'  
Success.

SEVEN NATURAL  
SHADES.

Carriage paid on £2 upwards. We know you stock it, but don't hide it in your patent cupboard. It will pay you to

**SHOW IT ON YOUR COUNTER AND YOU WILL BE SURPRISED AT THE SALES.** We do not advertise direct to the public, and our present phenomenal sales have been attained solely through the trade. This speaks for itself and proves **SATISFACTION**. Sold by all wholesalers.

**SEND FOR SAMPLES OF** Bay Rhum, Brilliantine, Face Powders, Hair Creams, Shampoo Powders, Tooth Powders, Vanishing Creams, etc. Own name and special labels on any toilet preparation. Bulk for large buyers only.

**J. KNOX WALKER & CO., LTD.** *MANUFACTURING  
CHEMISTS,*  
**422 KINGSLAND ROAD, DALSTON, E. 8**

**SAMUEL VAUGHAN, Managing Director.**

**DECOLTENE**  
The liquid hair remover

The intelligent depilatory.  
Simple, safe and effective.  
Can be used while per-  
forming the toilet.



**Dinkie**  
Deodorant

The greaseless cream  
that takes all odour out  
of perspiration. Packed  
in attractive opal jars.

**DIADEM**  
Crème Rouge

Gives a natural colour to  
the cheeks. Far more con-  
venient in use than dry  
rouge. Easily removable.

**DIADEM**  
Face Powder

Adheres readily to the skin.  
Made in Blanche, Naturelle,  
Rachel, Rose and Sunburn  
tints. In large artistic  
boxes, in distinctive style.

**DIADEM**  
Eau de Cologne.

A Perfume of most exquisite  
fragrance. Cooling, lasting  
and refreshing. In hand-  
some sprinkler bottles.

**TRADE TERMS.**

P.A.T.A. Trade per doz.

Decoltene Depilatory	..	3/9	..	30/-
Dinkie Deodorant	..	2/6	..	20/-
Diadem Face Powder	..	2/6	..	20/-
.. Complexion Wax	..	2/6	..	20/-
.. Crème Rouge	..	2/6	..	20/-
.. Vanishing Cream	..	3/9	..	30/-
.. Talcum Powder	..	1/3	..	10/-
.. Eau de Cologne	.. 1 oz.	1/9	..	14/-
.. .. .. 2 oz.	3/3	..	26/-	
.. .. .. 4 oz.	6/-	..	48/-	

**ROBARTES, Ltd., Dyer's Buildings, Holborn Bars, London, E.C.I.**

**DIADEM**  
Vanishing Cream

**DIADEM**  
WAX *For the  
Complexion*

A cream of rare purity and  
charm, put up in novel white  
globes and packed in dainty  
boxes in attractive style.

Completely supersedes the  
customary greasy Toilet  
Creams. Pleasant in use  
and commands ready sales.  
In elegant large jars.

**DIADEM**  
Talcum Powder

The ideal powder for Nur-  
sery and Toilet. Choicely  
perfumed, and may be used  
with impunity on the most  
sensitive skin.

**NOTICE.**

Artistic Showcards and Counter Matter free on request.  
Robartes' Preparations are obtainable from all leading  
wholesale houses.

Largely advertised in all the leading dailies, weeklies  
and monthlies.

Further particulars and descriptive booklet forwarded  
on request.

**SIDE LINE for CHEMISTS**

**STATIONERY**

  
**YOU** will benefit by  
writing for par-  
ticulars of our "APPRO" Scheme.  
*Easily and quickly served.*

**STATIONERY For CHEMISTS  
ONLY.**

Daintily designed Cabinets — Writing  
Pads — and Compendiums, combining  
Envelopes, Notepaper, Blotting, etc.

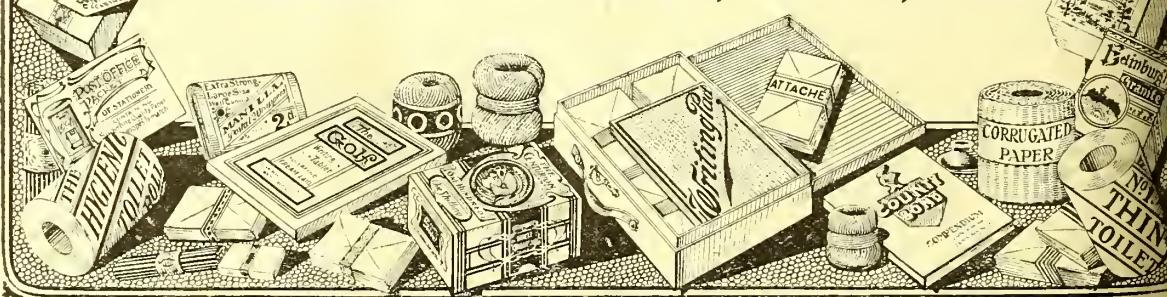
**33 % PROFIT** Attractive Counter.

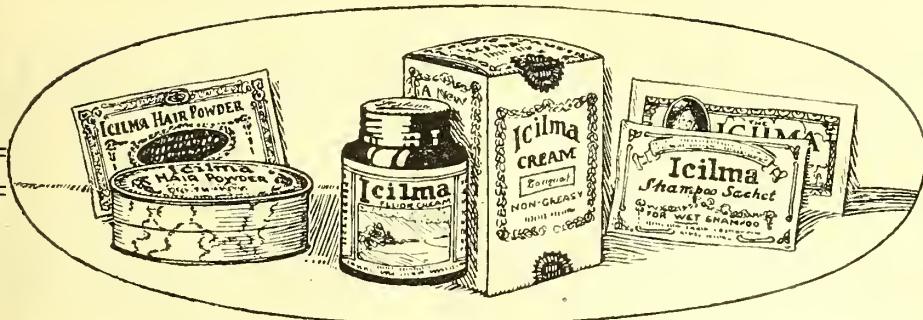
Your chief competitors sell Stationery, why not share the advantage ?

**J. R. LOCKWOOD & CO., LTD.**

Wholesale and Manufacturing Stationers, Prescription & Account Book Makers,  
Chemists' Demys, Toilet Rolls & Wrapping Paper Merchants,

Telephone: 7411 CENTRAL. 168 ST. JOHN ST., LONDON, E.C. 1.





## Pioneers of generous Profits to the Retailer on Advertised Goods

Icilma Toilet Preparations show *large* margins of profit to the Retailer—they set the standard from the very first—all imitators and substitutors have had to follow the lead given by Icilma.

The enormous and ever increasing demand enables us, working on a very narrow margin ourselves, to still give the generous terms to the trade on display orders.

Our Policy is to keep to the lowest possible price to the public and to maintain generous profits to the retailer. Support those who established for you the principle of good profits on advertised goods.

*Buy and show Icilma Toilet Preparations.*

# Icilma

Toilet Preparations

*Stock our goods and share our success.*

## Supplies now Normal Pre-War Quality Guaranteed

Manufacturers—Icilma Company, Limited,

Sole Distributors—International Icilma Trading Co., Ltd., } 37, 39, 41, 43, King's Road,

ST. PANCRAS, London, N.W.1

# IT ONLY COSTS NINEPENCE PER LB.

TO MAKE A FIRST-CLASS VANISHING COLD CREAM WITH

THE IDEAL  
BASE FOR

# WENO

VANISHING  
TOILET CREAMS

(REGISTERED)

It can easily be made in about fifteen minutes.

1 lb. 3/6 - 4 lb. 13/8 - 7 lb. 23/4 net.

POSTAGE EXTRA.

SOLE AGENTS—

 **MEGGESON & CO., LTD.** 

NEW CHURCH ST., BERMONDSEY, LONDON, S.E.

Please Note Alteration in ADDRESS.

# Cold Cream

IN POTS, TINS, OR BULK.

ABSOLUTELY DEPENDABLE.  
BRINGS REPEATS EVERY DAY.

# Lavender Ice

FOR CHAPPED HANDS

A QUICK WINTER SELLER.

ALSO

Lanoline Cream, Lip Salve,  
Camphor Ice, Tooth Powders,  
Brilliantines, &c.

*Samples free on application to*

**The Casson Chemical Co., Ltd.,**  
NEWTON RD., WESTBOURNE GROVE, W.2

Phone: Park 2884.



Profit by the  
Growing Demand  
for Snowfire

Large numbers of women doing outdoor or indoor work are buying Snowfire regularly. They have discovered its cleansing, softening and beautifying influence upon the skin—how it keeps the hands white and dainty.

# Snowfire

Sells all the year round. Specially valuable in winter for Chapped Hands. Cracked Lips or Roughened and Irritated Skin.

Well advertised. Shows good profits. Attractive publicity matter free. Goods carriage paid to your door. For Price List write

**F. W. HAMPSHIRE & CO.**  
RIVERSIDE WORKS, DERBY.



# POUDRE NILDÉ

*in the sifter box*

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

Minimum Selling Prices:

## POUDRE NILDÉ

*in the sifter box*

SMALL SIZE, for the handbag	-	1/-
LARGE SIZE	- - - -	3/6
Leather or fancy silk vanity cases, small size, with mirror	- - - -	4/6
LARGE SIZE	- - - -	9/-

## ROUGE INVISIBLE NILDÉ

*in the sifter box.*

SMALL SIZE	- - - -	1/6
IN LEATHER CASE	- - -	5/-

*SHOWS YOU 33½% PROFIT.*

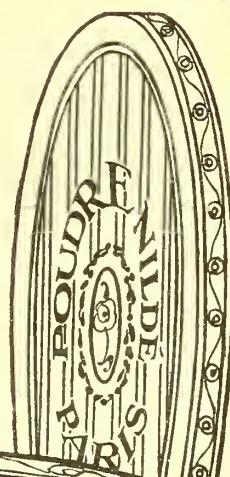
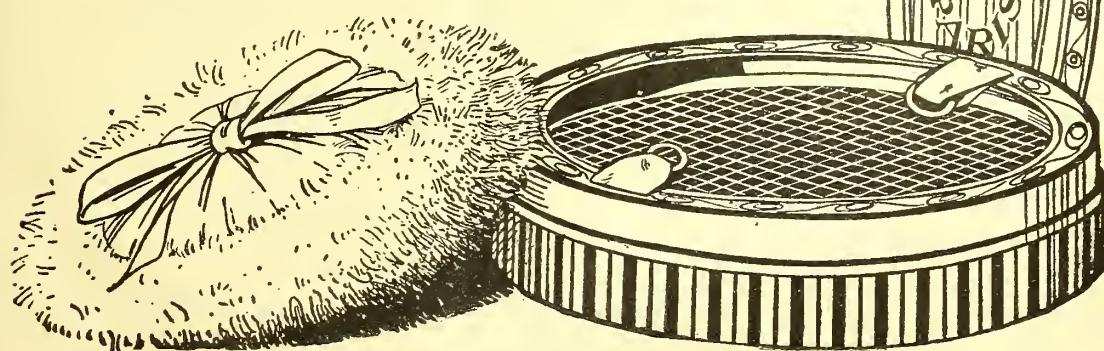
Through your wholesale house.

EACH BOX CONTAINS A PUFF

## NILDÉ, PARIS

British & Colonial Agents:

8 Blenheim Street, London, W. 1.



# WE CAN SUPPLY !!!

from LONDON STOCK

**FLEXIBLE NAIL FILES** at Lowest Market Prices.  
**RIGID STEEL** and **BONE NAIL FILES, IVORY** and **BONE TRIMMERS.**

Best French Cutlery

Nail Polishers

Emery Boards

Chamois Leathers

**BOXWOOD**

**PUFFS**

AND

**Vanity Puff Boxes**

**COMBS**

of EVERY DESCRIPTION.

**Hypodermic Syringes**, 1 c.c., 2 c.c. and  
20 min., complete in cases  
(French) ... ... ... 27/- doz.  
.. Naked (French) ... ... ... 10/-  
.. 10 c.c., complete in cases 66/-  
20 c.c. " 81/-

**Glycerine Syringes** 120/-gross.

**CAPPING SKINS**  
White and Coloured.

**TURNERY**

**IMPORT**

WHOLESALE and EXPORT only supplied.

**PARIS**

**THEO. VAN DER HEYDEN**

**NEW YORK**

118-122 Holborn

E.C. 1.

Telephone: Holborn 1873.

**EXPORT**

**BRUSSELS**  
**ANTWERP**

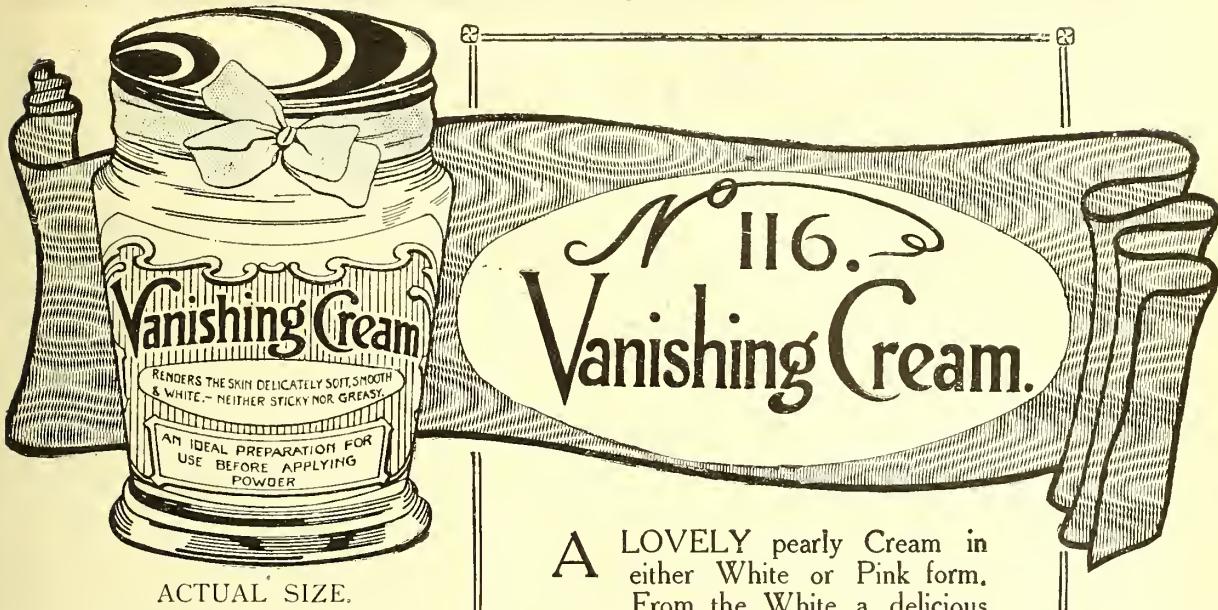
# 1-oz. Cut Stopper Mushroom Squares

FRANK A. CONDUIT,  
SUTTON HOUSE,  
2 OLD STREET,  
LONDON, E.C. 1.

**FACE CREAM. TOOTH POWDER. NAIL POLISH  
, POWDER. , PASTE. HAIR CREAM  
BRILLIANTINE, Solid and Liquid. PERFUMES  
VIOLET POWDER. TALCUM. TOILET OATMEAL  
SHAMPOO POWDER & LIQUID. MASSAGE CREAM**

*Your own formula prepared, or we can supply ingredients if desired.  
Send for samples and quotations.*

**A. CONNELL & CO., 3 Jewry Street, LONDON, E.C. 3**  
PHONE—AVENUE 1945.



ACTUAL SIZE.

A LOVELY pearly Cream in either White or Pink form. From the White a delicious odour of damp Wood Violets is exhaled; the Pink delights with scents of Araby.

This is the perfected work of a Pharmaceutical Chemist for discriminating lady users, and has received the warm approbation of the many ladies to whom we have submitted samples.

Entirely non-greasy, it is excellent for use before applying powder (especially with our Bloom of Youth Face Powder), or alone for securing a non-shiny complexion proof against wind, snow or sun.

Vase-shaped glass jars, with nickel screw caps. The White finished off with Blue Label and Ribbon, the Pink with Black Label and Pink Ribbon.

Fig. 116. White	... per doz.	6.9
" 116a. " in carton	"	8/6
" 117. Pink	... "	6.9
" 117a. " in carton	"	8/6

We can supply this Cream in vase-shaped glass jars, but without labels and ribbon, per **5/6** doz.

Please state whether Pink or White is required.



THIS CREAM WILL KEEP ITS PURITY INDEFINITELY.

# DEARBORN

L'IMITED

37 Gray's Inn Road, LONDON, W.C.

## Toilet Specialities.

		Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP	-	10/-	1/-
A comp'lexion soap.			
PROLACTUM	-	10/-	1/-
For the lips.			
PARSIDIUM JELLY	-	10/-	1/-
For wrinkles.			
ALLACITE of ORANGE	22 6	2 6	
A dressing cream.			
BORANIUM	22 6	2 6	
A hair tonic.			
CLEMINITE	22 6	2 6	
For a face lotion.			
COLLIANDUM	22 6	2 6	
For a face tint.			
PERGOL	22 6	2 6	
A deodorant.			
STALLAX	22 6	2 6	
For a shampoo			
JETTALINE	31 6	3 6	
For clearing the skin.			
PHEMINOL	36/-	4/-	
A depilatory.			
MENNALINE	36/-	4/-	
For the eyelashes.			
MERCOLIZED WAX	31 6	3 6	
A face cream.			
STYMOLE	36/-	4/-	
For oily complexions and blackheads.			
BARSYDE	22 6	2 6	
Dandruff eradicator.			
TAMMALITE	22 6	2 6	
For grey or faded hair.			
LIQUID PERGOL	31 6	3 6	
To check excessive perspiration locally.			
BICROLIUM	22 6	2 6	
For whitening the hands.			
HARAPOSA	22 6	2 6	
Nut oil shampoo.			

STOCKED BY ALL WHOLESALE HOUSES

## COLONIAL DEPOTS AND AGENCIES.

## AUSTRALIA:

ALL WHOLESALERS and  
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

## SOUTH AFRICA:

LENNON & CO., Ltd. (Cape Town).  
SIEVE BROS., & KARNOVSKY (Johannesburg).

## INDIA:

KEMP & CO., Ltd. (Bombay).  
R. MACLURE (Madras).  
SMITH, STANISTREET & CO. (Calcutta).  
MEHTA BROS. (Calcutta).  
JAMNADAS BROS. (Bombay).

## NEW ZEALAND:

SHARLAND &amp; CO., Ltd. (Auckland &amp; Wellington).

## SOUTH AMERICA:

DEARBORN, Ltd., Calla Salta 264, Buenos Aires.

**"Newbery's"**  
FRANCIS NEWBERY & SONS LTD.

## "A1" SHAVING CREAM

UNDER ROYAL, NAVAL &  
MILITARY PATRONAGE.

This High-Class Shaving  
Cream will appeal to the  
elite of your Customers.

Add to your Stock a few A1  
Shaving Cream and be wise.

18/- per dozen.

CHARTERHOUSE SQUARE,  
LONDON, E.C. 1.

Our lines are genuine.

Largo buyers of  
Pomade Hongroise  
Styptic pencils  
Nail Polish  
Cloth Cleaners  
Antiseptic Shaving Blocks  
Razor Paste etc  
Should work 10/-

Delphine Mfg. Co.,  
145 Edward St.,  
Brighton.

Telegrams *Surest*.  
"Hongroise, Brighton" England.

Export to all Countries.

Sell the article that pays you best.

Best Attention to all orders received.

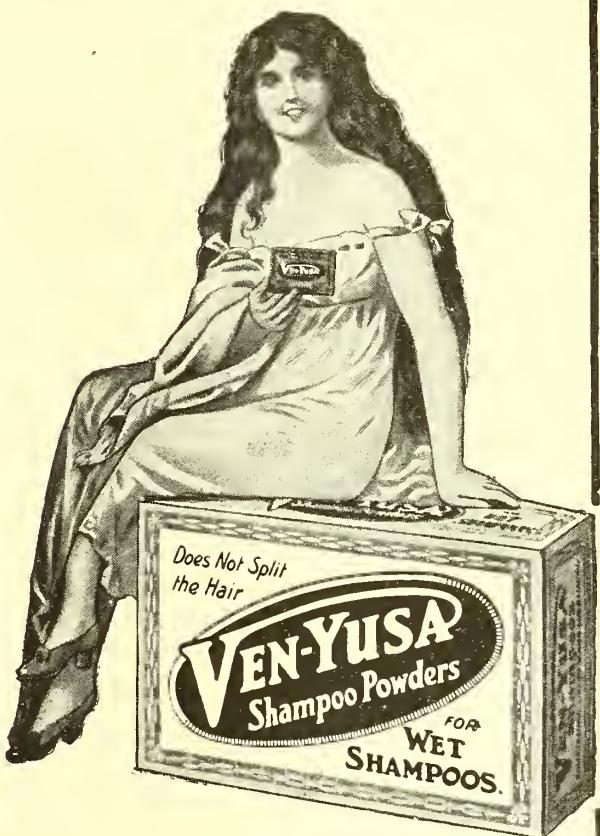
# VEN-YUSA

## Shampoo Powders

DAINTY  
ATTRACTIVE  
PROFITABLE

AND

Well Advertised



**PRICES**—3d. size, 11/- for carton  
containing 6 dozen Powders.

1/6 size, 13/6 per dozen  
cartons

**C. E. FULFORD, LTD., LEEDS.**

# TITTERTON'S CELEBRATED



## HAIR BRUSHES

### TOOTH, NAIL, SHAVING AND BATH BRUSHES.

*Makers of the "Athenæum" Tooth and Nail Brushes.*

**TITTERTON & HOWARD,** 8 & 10 GT. TITCHFIELD ST., LONDON, W.1

BRUSH MANUFACTURERS:

## BIDWELLS' LTD.

### RELIABLE TOOTH BRUSHES.

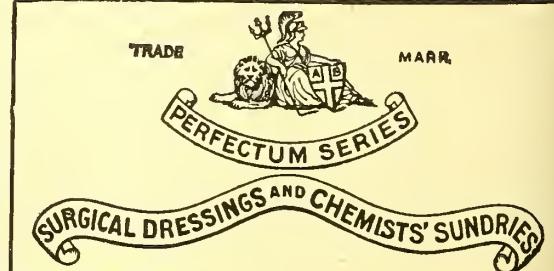
Gloria Silverdrawn, -	<b>18/-</b>
Mitre - - -	<b>14/-</b>
Elephant - - -	<b>12/-</b>
Anchor - - -	<b>10/-</b>

*GROSS LOTS NAMED FREE. CARRIAGE PAID.*

**We do not Sell Foreign Tooth Brushes.**

A selected £10 parcel of Hair Brushes from 30/- to 100/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.



JUST RECEIVED.

CONSIGNMENTS OF

**Tooth Brushes** **4/9** from dozen.

**Hair Brushes** **20/-** dozen.

**EARLY INQUIRIES SOLICITED.**

**WRITE OR PHONE—**

**ARTHUR BERTON, LTD.,**

*Manufacturers,*

Offices and Warehouse: **15-17 Worship Street,**  
**LONDON, E.C. 2.**

Telegrams: "Aybelim, Finsquare, London."

Phones: London Wall 507, City 998.

# SHAVING BRUSHES

with Boxwood, Metal or Bone handles.

## REAL BADGERS

Nickle plated Shaving Bowls.

IODINE BRUSHES,  
THROAT BRUSHES,  
CAMEL HAIR PENCILS.

VARNISH & PAINT BRUSHES.

Also Puffs and Puff Boxes,  
Pocket Combs, Hair Brushes.

*Wholesale and Export only supplied.*

**A. E. DEPRETER,**  
24 HOLBORN, LONDON, E.C. 1.

Telephone : Holborn 3182. Telegrams : "Aedep elon. Smith, London."

# TOOTH BRUSHES

A few gross left,  
4-row with trans-  
parent handles.  
Fine quality.

Price 84/- gross for the lot, or 90/- single  
gross. Sample dozen 8/-, cash with order.

**D. W. BULL, 4 Churchill Rd., Homerton, E.9.**

# PIPES AND SMOKERS' REQUISITES.

*Price Lists on Application.*

**HARWOOD BROTHERS,**  
BRIAR PIPE MANUFACTURERS,  
8/20 Richmond Street, LIVERPOOL.

# G. B. KENT & SONS, LTD.

Are known the World over as  
the Largest Manufacturers of

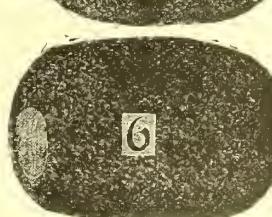
**BEST  
BRITISH  
BRUSHES**

*Please write for full Particulars to—*

**75 Farringdon Road, E.C. 1.**

# FEATHEREDGE Rubber Sponges

**LARGE STOCKS ARRIVING**



THOROUGHLY  
SANITARY  
AND  
DO NOT  
HARDEN

—■—  
Very  
GOOD  
PROFITS

for the  
Retailer

—■—  
OBtainable  
OF ALL  
DRUGGISTS'  
SUNDRIES  
HOUSES

**Markt & Co., London,**

—LTD.—

American Merchants,

SOLE IMPORTERS,

**98-100 CLERKENWELL RD.,  
LONDON, E.C. 1.**

*Order Early and Avoid Disappointment.*

# PEPS

NOW SUPPLIED

## ONLY IN TIN BOXES

AND EACH TABLET  
SEPARATELY

## WRAPPED IN TIN FOIL

*Any Chemist Desirous of Exchanging  
Old Stock (in Cardboard Boxes) can do so.*

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## C. E. FULFORD LTD., LEEDS.

Irish Agents | Messrs. T. McMULLAN & Co., Victoria St., BELFAST.  
Messrs. MAY, ROBERTS & Co., Ltd., Westmorland St., DUBLIN.

# One Moment, Please!

THE TIME IS NOW RIPE FOR ORDERING  
YOUR SUPPLIES OF

## DISINFECTANTS

FOR WHICH THERE WILL BE (BY REASON OF RECENT EPIDEMICS) LARGER DEMANDS THAN EVER—THEREFORE FORESTALL THESE DEMANDS BY PLACING AN ORDER FOR A PARCEL COMPRISING THE FOLLOWING

## LEADING LINES



"Cofectant" Fluid, in 8-oz. tins, at 10/- per doz. Retail Price, 1/3 tin.



For all Bactericidal Affections of the Respiratory Tract. Invaluable to Speakers and Singers. 10/- per doz. boxes. Retail Price, 1/3 per box.



A Pure Triple-Milled Soap, containing a suitable percentage of Cofectant. Invaluable for preserving a Clear Skin from Blemishes, etc. 15/- per doz. 3-tab. boxes. Retail Price, 8d. per tablet.



"DECITAS" Fluid. A Good Household General Disinfectant Fluid. In 4-oz. bottles at 4 9 doz. Retail Price, 7d. bottle.



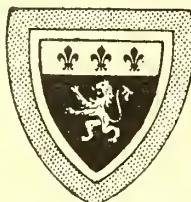
A Fragrant Fluid for all Spraying Purposes. 8 - doz. tins. Retail Price, 1/-



Cook's Pure British LYSOL. At 10/- per doz. bottles. Retail Price, 1/3 bott.

ALL SUBJECT TO USUAL TERMS.

EDWARD COOK & CO., LTD., BOW, LONDON, E. 3.



# LYONS FAIR

THE LYONS FAIR is to-day's greatest opportunity for trade expansion in every industry and with every market throughout the World. It is not an Exhibition, but a purely business gathering of progressive men and their customers.

The business propensities of the Lyons Fair are indicated by the fact that at the March, 1919, Fair, 4,700 exhibitors transacted business to the value of £40,000,000. Lay the foundation of a permanently expanding world-wide trade (buying and selling) by taking immediate steps to secure a Stand in Sections 11, 12 and 13 for Chemicals and Drugs.

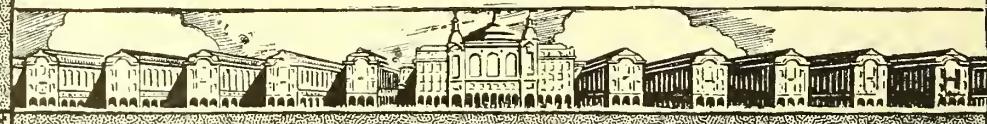
**SPRING FAIR**

**March 1 to 15, 1920**

**AUTUMN FAIR**

**October 1 to 15, 1920**

For particulars apply to Mr. J. A. VICTOR, 31 (P) Budge Row, LONDON, E.C.4



## JOHN BULL

National  
Window-Dressing  
Competition.

1st Prize - 200 guineas  
2nd " 100 "  
3rd " 50 "  
50 prizes of 1 guinea  
each.

500 Diplomas of Special  
Merit.

Designed by Garth Jones.

## There's Money in your Window—

"John Bull" is offering £420 in Prizes and 500 Diplomas of Merit for Window Displays of any articles advertised in its pages between now and December 31, 1919.

There are no complicated conditions.

All you have to do is :

1. To select an article advertised in "John Bull" between now and December 31, and display it in your window for one week.
2. To send a photograph of the display to :

"JOHN BULL,"  
Window-Dressing Competition  
(Dept. C. 5),  
90 Long Acre, London, W.C. 2.

Every Competitor, whether large or small, stands an equal chance of winning a prize.

Any photograph will do as long as it conveys the idea. You need not necessarily devote the whole window to the display—make the best show you can in the most space you can spare.

You may enter for the competition as often as you like, provided each display is for one article only. If you pride yourself on your ability to dress a window, here is an opportunity to show your skill and also to win a prize. Send to-day for full particulars, together with a helpful article on the "Art of Window Dressing."

## JOHN BULL

Window-Dressing Competition (Dept. C. 5),  
90 Long Acre - LONDON, W.C. 2.

**SAVE 3/- PER GALLON  
BY BUYING  
GUARANTEED GENUINE  
NEWFOUNDLAND NON-FREEZING  
MEDICINAL COD LIVER OIL  
OF NEW SEASON'S MAKE.**

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

**WHOLESALE ONLY.**

*Kindly write for sample to*

**JOB BROS., Manufacturers, Tower Building, LIVERPOOL.**

Telegraphic Address: "JOB LIVERPOOL."

And of ST. JOHN'S, N.F.

Tel. 1039 CENTRAL.

Established 1780.



**"John Bull"**

**MALT EXTRACT**

**IS THE BEST!!!**

*Wholesale & Export Only.*

**PAIN & CO., LTD., ST. NEOTS, HUNTS.**

## To Perfumers and Druggists.

If you wish to get the best value for money follow the lead of all large consumers, and place your orders for

## BOTTLE CAPPING SKINS

OPAQUE and TRANSPARENT, with

## Robert Rawley,

149 Gray's Inn Road,  
LONDON, W.C.1.

My Capping Skins are known to all large consumers to be the best on the market both for quality and price. They are all manufactured in London. Write for samples and particulars and compare with your present supplies, and see what I save you.

OPAQUE ROLLED SKINS made to order if required.

PLEASE NOTE MY ONLY ADDRESS:

## ROBERT RAWLEY,

*Harcourt House,*

149 GRAY'S INN ROAD, LONDON, W.C.1.

## IMMEDIATE DELIVERY

## GATES' BOTTLE CAPPING SKINS

SNOW-WHITE OPAQUE  
ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. Used by all the Leading Perfumery and Drug Houses. ABSOLUTELY AS OPAQUE as Split Skins and equal in appearance.

"Mine beat  
all others."

"SOLE PIONEER"  
and Only  
English Manufacturer:

LESLIE GATES  
HAILSHAM, SUSSEX.

Another New Speciality—Try my  
TRANSPARENT SHEEP BAUD-  
RUCHE CAPPING SKINS.

ALSO GOLDBEATERS SKIN FOR MEDICAL PURPOSES.



THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

# Cellophane

## What Is It?

### CELLOPHANE

is a transparent film of pure Cellulose, absolutely air, grease, and odour proof, unaffected by cold, heat, or moisture, and sterilisable.

An ideal wrapping for Drugs, Tablets, Bath Crystals, Perfumery, Provisions, Sweets, Surgical Dressings, Articles of Toilet, &c. &c.

Will keep your Goods, Boxes, Bottles, and delicate Labels clean on the Counter and in Shop Windows, allowing the Articles to be seen by transparency. Can be had colourless, coloured and embossed.

Also in the shape of Discs for Creams, Ointments, Boot Polish, &c.

Prices, Samples and Particulars from  
The CELLOPHANE COMPANY  
(LECLERCQ & CHARÉRAT),  
15 Cullum Street, London, E.C. 3.

## CAPPING SKINS

WHITE AND COLOURED SPLITS,  
OPAQUE AND TRANSPARENT  
BAUDRUCHE. SPRINKLERS.

ARTHUR TOOMBS & CO.

*Perfumers' Sundriesmen,*  
26-27 Bush Lane, Cannon St., LONDON, E.C.4.

Telephone: Central 13374.

Telegraphic Address: "Deflection, Cannon, London."

## 'SEMREH'

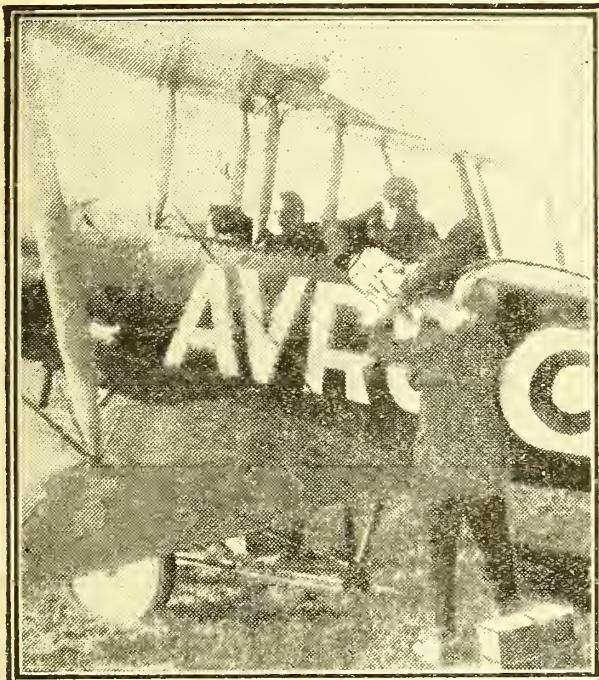
THE LAST WORD  
IN BOTTLE CAPPINGS

Air-tight—Spirit-proof—Easy  
to put on—Self-fitting—The  
bottle's contents hermetically  
sealed.

Full particulars on request.

THE VISCOSE  
Development Co., Ltd.,  
BROMLEY, KENT.





Two passengers and a number of small urgent parcels were yesterday taken to Derby by Messrs. Macrae and Hudson on an Avro biplane.

Reproduced  
(by permission)  
from  
"The Nottingham  
Guardian"

OCTOBER 1<sup>st</sup> 1919.

In response to an urgent order received from a firm of manufacturing chemists in Derby during the recent strike, Boots Pure Drug Co., Ltd., through their own initiative and at their own expense, despatched enough 550

## SACCHARIN BY AIR to make over two million tablets.

BOOTS PURE DRUG CO., Ltd., Nottingham, are the largest makers of British Saccharin in the United Kingdom, and will be pleased to forward current quotations for Home and Export on application for

## BRITISH SACCHARIN Guaranteed 550 Strength.

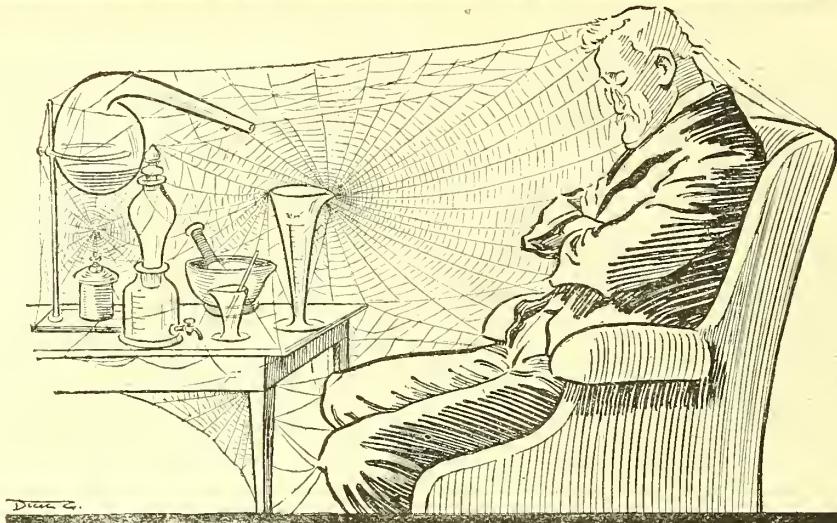
Apply to—

**BOOTS PURE DRUG COMPANY, LTD.**  
STATION STREET, NOTTINGHAM.

SIR JESSE BOOT, Managing Director.

Telephone 3160.

Telegrams: "DRUG NOTTM."



## Cobwebs or "Will he ever wake."

EVEN a man with a shiny shop may have cobwebs on his mind.

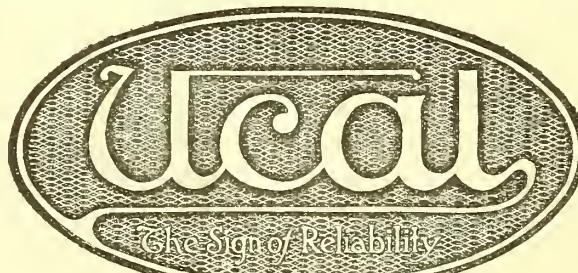
The methods of our youth are not good enough to-day. The essence of life is change—for better or worse.

Pharmacy—like all else—is in flux.

The Pharmacist who cannot see that is growing old. UCAL is an organisation of pharmacists for enabling them to exert their collective strength. It provides the *only* means of meeting many of the conditions prevailing to-day.

No pharmacist is so "well fixed" as to be in a position to neglect it.

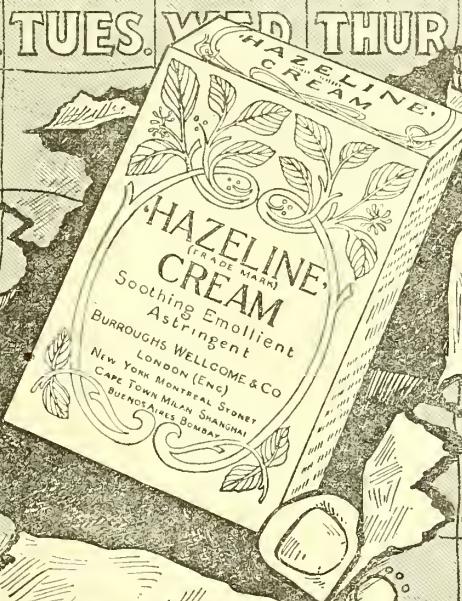
These are assertions—but facts which more than justify them, are yours for the asking.



UCAL, CHELTENHAM.

# 1919 NOVEMBER 1919

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
2	3				7	1/8
9	10				14	15
16	17				21	22
23	24				28	29
30						



## A big thing through NOVEMBER

During November most winter users of 'Hazeline' Cream make their first purchase of the season.

Make dismal November merry with sales of 'Hazeline' Cream.

The pharmacist who sells this early supply generally gets the repeat orders all the winter through.

Customers buy first from the pharmacy where they see 'Hazeline' Cream in the window.

The moral is obvious.

## Give prominence to 'HAZELINE' CREAM in your November Window Displays

Pots: 15/- per doz. Tubes: 7/6 per doz.; large size, 15/- per doz. (Subject)



BURROUGHS WELLCOME & CO., LONDON



# THE BRITISH DRUG HOUSES LTD.

## CHEMICAL FOOD

SYR. FERRI PHOSPH. CO. B.D.H.

### A Triumph of Applied Pharmacy

#### Appearance:

A brilliant syrup of unexceptionable fruity-red colour.

#### Flavour:

Unrivalled. Characterised by suavity, softness, and freedom from the metallic inky taste of ferrous preparations. The displeasing sensation and "cutting" acidity usually associated with free phosphoric acid syrups gives place to an agreeable fruit-like acid flavour.

#### Keeping Properties:

Will remain permanently bright without developing the slightest sediment or filminess. Never ferments.

#### Supplies:

Prompt delivery IN BULK. In packed form restricted by bottle shortage.

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INQUIRIES FOR LARGE QUANTITIES ARE INVITED

22-30, Graham Street, City Road,  
LONDON, N.I.



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.

ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in Australia, New Zealand and South Africa.

#### SUBSCRIPTION RATES.

FIFTEEN SHILLINGS a year payable in advance to any part of the world, including copy of *The Chemist and Druggist*. Subscriptions may begin with the first issue of any month. Single Copy 6d.; Diary 3s 6d. Postage. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 15s., francs.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 15 ch., franco.

Terms for advertising may be obtained on application to the Publisher  
**Head Office: 42 CANNON STREET, LONDON, E.C. 4.**  
 Telegrams: "Chemicus, Cannon, London." Telephone Central 8617 (three lines).  
**Branch Offices: MELEBOURNE AND SYDNEY, AUSTRALIA.**

#### CONTENTS: No. 44 (Series No. 2075), Vol. 91.

	PAGE
Bankruptcy Report	68
Birth	69
Business Changes	68
Colonial and Foreign News	53
Coming Events	49
Correspondence:	
Letters	75
Legal Queries	76
Miscellaneous Inquiries	76
Deaths	59
Editorial Articles:	
Perfumes as Intoxicants	62
Pharmaceutical Research	62
Palm-kernel Industry	63
Profiteering Proceedings	63
What Australia Thinks	64
English News	50
Experiences of the Great War	49
Festivities	70
French News	53
Gazette	58
German Chemical Stocks	58
Gum Tragacanth	65
Information Department	60
Insurance Act Dispensing	69
Irish News	52
Legal Reports	57
Marriage	59
New Capital Issue	70
New Companies and Company News	56
Observations and Reflections	61
Organising the Drug-trade	64
Personalisations	58
Profiteering Act	54
Retrospect	76
Scottish News	52
Trade-marks	60
Trade Notes	55
Trade Report	71
Westminster Wisdom	65
Wills	59
Winter Session	66

## Coming Events.

### Monday, November 3.

*Society of Chemical Industry*, Burlington House, Piccadilly, London, W., at 8 P.M., Mr. O. A. Mitchell on "Black Lead Pencils and Pigments," and Capt. E. T. Sterne on "Shawinigan Chemical Industries."

### Tuesday, November 4.

*North London Pharmaceutical Association*, Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, London, W.C., at 8.45 P.M. Business meeting.

### Wednesday, November 5.

*Liverpool Chemists' Association*, Royal Institution, Colquitt Street, at 8 P.M. Dr. C. Alston-Hughes on "With the Chinese in France." Ladies invited.

### Thursday, November 6.

*Chemical Society*, Burlington House, Piccadilly, London, W., at 8 P.M. Papers on "The Properties of Ammonium Nitrate (Part I)," by Messrs. T. M. Lowry and R. G. Early; "The Peroxides of Bismuth," by Messrs. R. R. Le G. Worsley and P. W. Robertson; and "Some 1:3-benzodiazolearsinic acids and their reduction products," by Messrs. R. R. Baxter and R. G. Fargher.

**LONDON (SOUTH-EAST) CHEMISTS' ASSOCIATION.**—A whist-drive and social evening will be held on November 13, at the Limes Hall, Limes Grove, Lewisham. Tickets (4s each) from Mr. W. Sayers, 63 High Street, Lewisham, S.E. 13.

**WESTERN PHARMACISTS' ASSOCIATION.**—The annual dinner will take place on November 19 at the Holborn Restaurant, London, W.C. Tickets (10s. 6d. each) from Mr. B. R. Wilkinson (hon. secretary), 25 Cromwell Place, South Kensington, S.W. 7. Ladies are invited.

## Experiences of the Great War.

Contributions to this section are invited.

### XIX.—An Eventful Exit from Germany.

UPON recalling my experiences of the last five years, among which are included active service in France and Mesopotamia, and sojourns in Egypt, Persia and India, I think the most momentous was a rather eventful exit from Germany in August 1914, after the declaration of war, when I travelled from Hamburg to Denmark. It was on August 4 when I first essayed to leave Hunland, and I was successful in obtaining a berth on the only boat billed to leave for England, but, after a tiring wait on board all through the night, the German authorities cancelled the sailing, for the reason that, in the meantime, war had been declared between this country and Germany. My next attempt to get out of Germany ultimately proved successful, although there were many moments when I felt my chances of reaching England were worth but little. All hope of getting away by boat being crushed, my thoughts turned to reaching Denmark by train, and with this object in view I boarded a train bound for Kiel. The train was packed with men called to the Colours, and antagonistic feelings against England already being rife, I was very soon recognised as a foreigner and treated with suspicion, with the result that at Neumuenster station I was sought out by the military and forced to alight. I showed my passport, but this seemed rather to aggravate than improve matters. I was escorted to the waiting-room, and had to remain there the whole night under guard. In the morning I was released and allowed to proceed on my way to Rendsburg, where the passing over the Kiel Canal is made. When the train was approaching within a few miles of the canal bridge it came to a stop, and a German infantryman entered each carriage, shut the windows, drew the blinds, and ordered everyone to sit with their hands on their knees, and on no account to reach up to their luggage on the rack, under the penalty of being shot; the fear was, I afterwards discovered, that bombs or explosives might be hidden in the luggage. For about ten minutes the train continued on its way and then came to another halt. The order then was for everyone to alight, leaving their belongings in the train. I was happy to get out alive, and found I was within a few yards of the notorious Kiel Canal. When all the passengers had alighted, and the train had been examined for fugitives, it moved off over the bridge, and the passengers followed on foot. The bridge was well guarded by soldiers on both sides, at intervals of ten yards, with fixed bayonets, and machine-guns were suspended from both ends of the bridge. The train waited on the other side, picked up the passengers, and within a few minutes arrived at Rendsburg. At this station the military examined the passengers in the train, with the dire result that once more I had to come out, and was this time escorted to the German barracks, to be shut up there pending inquiries as to my fate. At this point my spirits were getting somewhat low, and I had visions of internment camps. However, after ten hours' confinement I was brought up in front of the Kasernen Kommandant (O.C. Barracks), who cross-examined me as to nationality and military service, and upon my assuring him that I had never at any time served in either the British Navy or Army, told me I could proceed on my way. An escort took me down to the station and put me in a train bound for Vamdrup, and within a few hours I crossed the frontier into Denmark. From Vamdrup I caught a train to Esbjerg, and was very soon on board a boat bound for Harwich. I was just thinking that I should be home within forty-eight hours, when I received the news that the crew had gone on strike, demanding double wages owing to the danger of mines. As no agreement could be come to, the boat did not sail, and I had to wait a week before one did. Eventually I reached Harwich in safety, and as soon as I had established my claim of being an Englishman I was allowed to disembark and proceed home. Shortly after I enlisted in the Royal Engineers, with whom I had many exciting experiences, but none so memorable as this.

F. C. S. (15/83.)

## English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

### Venereal Disease Act.

Will chemists in the following towns and districts please note that from November 1 they may no longer give advice to customers on the treatment of gonorrhœa or syphilis or soft chancre?

*Counties:* Cardigan, Chester, Cornwall, Montgomery, North Riding of Yorkshire; parts of Kesteven; parts of Lindsey.

*County Boroughs:* Eastbourne, Grimsby, Huddersfield, Middlesbrough, Plymouth, Rothrham.

The full text of the Venereal Disease Act under which the above Order has been made is given in *The Chemist and Druggist Diary*, 1919.

### German-owned Property.

An Order in Council under the Peace Treaty with Germany (Treaty of Peace Order 1919) appeared in the "London Gazette," October 24. Paragraphs XVI. and XVII. state that all property, rights and interests within His Majesty's Dominions belonging to German nationals wherever resident are charged for the purpose of securing the claims by British nationals with regard to their property in Germany and debts owing to them by German nationals. The Order provides, *inter alia*:

(1) That no person shall transfer, part with, or deal in any way with any property, rights, or interests subject to the charge without the consent of the Custodian, and that if he does so he will be liable to a fine of 100*l.* and three months' imprisonment.

(2) That every person who owns or controls any such property (including where the property consists of shares, stocks, or other securities, the company municipal authority, or other body by whom they are issued) must within three months communicate the fact to the Custodian unless particulars therof have already been furnished to him in accordance with the provisions of the Trading with the Enemy Acts 1914-18, and if any person fails to do so he will be liable to a fine of 100*l.* And

(3) That if any person is asked to pay any money or to transfer or deal in any way with any property, rights, or interests which he has reason to suspect are subject to the charge, he must immediately report the matter to the Custodian, who for England and Wales is the Public Trustee, Kingsway, London, W.C. 2; for Scotland, the Accountant of Court, H.M. New Register House, Edinburgh; and for Ireland, the Custodian for Ireland, King's Bench Division, Four Courts, Dublin.

The charge does not extend to any property which may have been acquired under the Board of Trade General Licence dated July 12, authorising the resumption of trade with Germany. Notwithstanding anything contained in the Order, bankers may, without licence, allow German subjects who are resident in this country to withdraw from their balances sums not exceeding 20*l.* in any one month.

### Contracts.

The following Government contracts have been notified:

MINISTRY OF MUNITIONS (WAR OFFICE).—*Fly-papers.*—Extimo, Ltd. *Medicines.*—Burgoyne, Burbidges & Co., Ltd.; R. W. Greeff & Co.; Parke, Davis & Co. *Soap.*—J. Knight, Ltd.; Price's Patent Candle Co., Ltd.

INDIA OFFICE.—*Aconite.*—Evans Sons Lescher & Webb, Ltd. *Adeps Lanæ.*—Parke, Davis & Co. *Bismuth Carbonate.*—T. Morson & Son, Ltd. *Carbolic Acid.*—Bowdler & Bickerdike. *Citric Acid.*—Kemball, Bishop & Co., Ltd. *Copaiba, etc.*—Burgoyne, Burbidges & Co., Ltd. *Iodoform.*—May & Baker, Ltd. *Potassium Bromide.*—Whiffen & Sons, Ltd. *Quinine.*—Howards & Sons, Ltd. *Tablets.*—Burroughs Wellcome & Co.

CROWN AGENTS FOR THE COLONIES.—*Linseed Oil.*—J. L. Seaton & Co., Ltd.

H.M. PRISON COMMISSION.—*Drugs and Sundries.*—Baiss Bros. & Co., Ltd. *Soap.*—J. Knight, Ltd.; Price's Patent Candle Co., Ltd.

### Merchandise Marks Committee.

The President of the Board of Trade has appointed a Committee to consider:

1. Whether any extension or amendment of the Merchandise Marks Act is required in respect of the provisions relating to indications of origin.

2. The utility and effect of national trade "marks" or other similar (collective) marks, and how far they should be authorised or encouraged in this country.

3. How far further international action may be necessary for the purpose of preventing the false marking of goods.

The members of the Committee are:

Mr. Harry Green, M.P. (Chairman).

Representatives of the Association of Chambers of Commerce: Mr. M. B. Dickie (Nobel's Explosives Co.); Mr. J. Evans-Jackson (Messrs. J. Evans-Jackson & Co.), patent agents; Mr. C. A. Hyde (Birmingham Small Arms Co.); Mr. R. T. Wilson (Cutlers' Company, Sheffield).

Representatives of the Federation of British Industries: Mr. J. Hood, M.P. (British-American Tobacco Co.); Mr. Lennox B. Lee (Calico Printers' Association).

Representative of the Irish Industrial Development Association: Colonel Sir Nugent T. Everard.

Mr. Geo. Hayhurst (Co-operative Wholesale Society).

Mr. G. A. Moore (Messrs. G. A. Moore, Liverpool).

Mr. Thos. Pratt (President of the National Chamber of Trade).

Mr. D. M. Kerly, K.C.

Mr. H. Fountain, C.B., C.M.G., and Mr. W. Temple-Franks, C.B. (Board of Trade).

Mr. N. E. Behrens (a Commissioner of Customs and Excise).

The secretary is Mr. M. F. Levy, of the Industrial Property Department of the Board of Trade, who can be addressed at the Patent Office, 25 Southampton Buildings, London, W.C. 2.

### Birmingham.

The commercial library initiated by the city librarians is a great success.

There are, it is stated, only three vacancies to be filled at the municipal school of pharmacy.

"If the lady dispenser and the lady counter-assistant go," writes a correspondent, "will the male assistant submit willingly to the loss of their company in business hours?"

A verbal war is being waged in this city's Press on the method of calculating profit: should it be  $\pi$  per cent. upon the buying or the selling price? The end does not appear to be in sight.

How long is it since a pharmacist had his shop-floor scrubbed by an errand-boy? In these days, of course, the idea is unthinkable, and we have (locally, at any rate) to fall back—metaphorically—on the charwoman.

The news of the retirement of Mr. Charles Thompson from the council of the Birmingham Pharmaceutical Association (*C. & D.*, October 18, p. 51) has been received locally with the utmost regret. Mr. Thompson has been a first-rate leader, and his knowledge of pharmacy in the Midlands is unique.

In the course of a paper presented to the Birmingham Section of the Society of Chemical Industry on October 23, Messrs. E. C. Rossiter and C. S. Dingley expressed the opinion that it is possible to produce from the blast-furnaces of this country more than double our pre-war requirements of potash. Mr. Rossiter said that the British Cyanides Co., Ltd., are making 100 tons of potassium salts a week.

Lecturing at Birmingham University on October 22 on "Chemistry and Agriculture," Professor G. T. Morgan said that the constant leakage of nitrogen from the soil was to some extent remedied by the nitrogenous compounds formed as a consequence of the electrical discharges of thunderstorms, these compounds being then washed off to the soil by rain. Even in a temperate climate like ours, the amount of nitrogen which enriched the soil by this agency was 11 lb. an acre per annum, and in the tropics, the amount was much greater. But, in spite of this and other methods of replacing the leakage, it remained a great problem.

**Liverpool.**

The cold snap has led to window-displays of lozenges and pastilles, with appropriate showcards.

A flapper entered a small general store this week and spent 22s. 6d. on face-powder, tooth-powder, and nail-polish. She made her selection according to the brilliancy of the labels.

*A propos* of pharmacists' profits, a town traveller for a wholesale house points out that in nearly every town may be seen an old-established pharmacy which has not grown in size for forty or fifty years. Drapers' shops (and others) have been extended threefold or more during the same period.

The dispensary associated with a leading hospital has abandoned "free" medicine and bottles for out-patients who can pay. The results are gratifying. The patients contribute a material sum, take the medicine as prescribed, improve in health, and speak much more appreciatively than before of the good effects of the remedies.

Mr. J. Nicolson, town representative of Messrs. R. Sumner & Co., Ltd., manufacturing chemists, has just vacated the chair of Stanley Masonic Lodge after a successful year of office. He has been presented with a Past-Master's jewel, a gold watch, and a silver cigarette-case, the presentation also including a topaz and pearl necklace for Mrs. Nicolson.

**Nottingham.**

Mr. F. H. Carr, F.I.C., chairman of the Nottingham section of the Society of Chemical Industry, lectured at University College on October 22 on the tour that he made in Germany last January. Referring to the co-ordination between German manufacturing chemists, Mr. Carr said that this movement had been going on for the past eighteen years, and in 1916 it reached its culmination. The German people had shown a remarkable example in the chemical industry, and much could be learned by a comprehensive study of their methods. They took as much pride in their chemical industry as we did in the engineering and textile trades in this country.

**Sheffield.**

Mr. John Austen, Ph.C., has been made a member of the local Rotary Club.

It is much to be regretted there has been no pharmacist among the candidates for municipal honours this year.

Mr. Bernard Ellis, chemist and druggist and barrister-at-law, is lecturing at the University on company law.

For some reason only known to the powers that be, manufacturers have had to return the sugar-coupons which have just been issued.

It is understood that the paper on the Qualifying examination which should have been read before the Sheffield Students' Association by Mr. Preston, but was unavoidably cancelled, is to be given later.

G. T. W. Newsholme, Ltd., are making extensive alterations to their premises, having taken the rooms over the adjoining shop for a series of showrooms. They are also extending their dispensing department.

Further efforts to establish pharmacy classes at the University for ex-Service men have been in vain; the accommodation is insufficient for ordinary students, the chemistry benches having to be worked in two shifts.

**Miscellaneous.**

**FIRE.**—An outbreak of fire occurred on October 23 on the premises of Gliddon, Ltd., patent-medicine proprietors, 90 and 91 Queen Street, Loudon, E.C. 4. The damage was slight.

**ENEMY PATENTS.**—Humphreys & Glasgow, Ltd., have been granted licences to use the following patents for the Messerschmitt hydrogen process: 2147/09, 17591/09, 12242/12, 12243/12, 17690/13, 17691/13, 17692/13, 18028/13, 18942/13.

**INQUEST.**—On October 25, the West London Coroner held an inquest on William Beadle (17), a chemist's messenger, who, it was stated, while riding on the connecting-rod between a couple of trailers attached to a motor-tractor, fell and was run over. A verdict of "Accidental death" was returned.

**LINSEED AND LINSEED OIL.**—The Food Controller has issued an Order withdrawing linseed and linseed oil from the schedule of the Seeds, Oils, and Fats Order, dated June 19, 1919. The effect of the Order, which came into force on October 27, is that licences will no longer be required to purchase or sell either linseed or linseed oil.

**RELAXATION OF EXPORTS.**—The Board of Trade announce that as from October 22 edible oils have been removed from list "A" of prohibited exports, except the following: Coconut oil, ground-nut oil, and palm-kernel oil. The exportation of these remains prohibited to all destinations, except under licence from the Export Licence Department, 1 Queen Anne's Gate Buildings, S.W.1.

**PoISONING.**—At Portsmouth, on October 22, an inquest was held on the body of George A. Woollett, dairyman, who died after taking chlorodyne. Evidence showed that, on being discovered in a comatose condition, the deceased was removed to hospital, where oxygen and the stomach-pump were tried. A medical man having stated that death was due to morphine-poisoning, and other circumstances having been investigated, a verdict of "Suicide while of unsound mind" was returned.

**MINISTRY OF HEALTH.**—The first meeting of the new Consultative Council upon which there are representatives of pharmacy was held this week, with Sir Bertrand Dawson in the chair. The Minister of Health attended and explained what duties are expected from the Council, whose deliberations are to be mostly conducted in secret. The first reference to the Council is to give their view as to the ideal system of medical and allied services towards which the Ministry should work. A preliminary discussion on this subject then took place.

**VENEREAL PROPHYLAXIS.**—A provisional committee has been formed with the object of founding a society for encouraging venereal prophylaxis. The hon. secretary's address is 143 Harley Street, London, W. 1. It will be remembered that the National Council for Combating Venereal Disease, a body which is heavily subsidised by the Government, refuses to countenance disinfection methods in cases of suspected contact with venereal disease. The new Society takes the view that the prevention of disease should be undertaken on moral grounds.

**SCHOOL OF PHARMACY, PAST STUDENTS' ASSOCIATION.**—At a meeting of the committee held at 17 Bloomsbury Square, London, W.C., on October 27, it was decided to renew the activities of the Association, which, owing to the war, were suspended in May 1916. A conference will be held at an early date to consider the best means of co-ordinating the efforts of the Association and the School of Pharmacy Sports and Intellectual Club, with a view to a joint executive being appointed to represent all past and present students at "The Square." Communications from past students will be welcomed by the Hon. Secretary, Mr. Harry Martin, 22 Graham Street, City Road, London, N. 1.

**CONDENSED-MILK PRICES.**—The Food Controller has made an Order, which applies to the whole of the United Kingdom, fixing the following maximum retail prices for condensed milk:

Full Cream Sweetened	...	...	1s. 3d. per 14 oz. net.
Full Cream Sweetened (half-size tins)	...	...	8d. per 7 oz. net.
Full Cream Evaporated	...	...	1s. per 16 oz. net.
Full Cream Unsweetened	...	...	11d. per 12 oz. net.
Full Cream Unsweetened (half-size tins)	...	...	6d. per 6 oz. net.
Machine Skimmed	...	...	1s. per 14 oz. net.

This Order revokes the previous Orders governing the price of this commodity, and brings Ireland into line with Great Britain by abolishing fixed maximum prices for the manufacturer and wholesaler, and putting trading conditions in the two countries on an equality. The new Order comes into force on and after November 1.

**IN THE COURTS.**—At Colne (Lancs) Police Court, on October 22, a Mrs. Fulton was charged with attempting to commit suicide with salt of lemon. Evidence showed that she had purchased 1 oz. of the salt at the shop of Mr. Arthur Duckworth, Ph.C., Albert Road, ostensibly for hat-cleaning. She was discharged.—At Manchester City Police Court, on October 23, John Beeley, of no fixed abode, was charged with breaking and entering into the

premises of James Woolley, Sons & Co., Ltd., Knowsley Street, Cheetham, and stealing drugs and a man's suit to the value of 13*l*. He was committed for trial. Dr. Jacob Shlosberg, 152 Bury New Road, on whose premises a portion of the drugs was said to have been discovered, was found not guilty of the charge of receiving them knowing them to have been stolen, and was discharged.—Charged at Bow Street Police Court, on October 23, with having been found on enclosed premises for a supposed unlawful purpose, Louis J. Petre, a clerk, stated that at the time he was under the influence of morphine, and added that during the fortnight that he had been in prison he had been cured of the drug-habit. A hypodermic syringe and "a quantity" of morphine had been found in his possession. He was discharged.

**SALE OF FOOD AND DRUGS ACTS.**—At Kingston-on-Thames Police Court, recently, Sydney Hoseason, trading as the Imperial Health Food Co., was summoned for selling cornflour adulterated with 50 per cent. of potato starch. Plasmon, by whom the cornflour had been sold to defendant, were represented by Mr. C. H. Kirby (Neve, Beck & Kirby). Defendant urged that he was protected by a warranty, and this was not disputed on behalf of Plasmon. An assistant-inspector stated that he purchased the cornflour at the rate of 1*s*. 10*d*. per lb., ordinary cornflour being on sale at about 10*d*. per lb. The inspector said the presence of "Plasmon" was so negligible that the analyst had not indicated it, but the packet purchased contained 50 per cent. of potato starch. Defendant said he sold the cornflour exactly as he received it from Plasmon. The packet, however, related to an invoice sent to him last February. Mr. Sharpe, managing director of Plasmon, stated that during a period of the war the quantity of "Plasmon" was greatly reduced in various articles, and at one time, owing to the action of the Government, it was almost impossible to buy maize, from which cornflour was made. The Mayor said they were satisfied that the invoice relating to the cornflour was a good warranty, and the summons would be dismissed.—At Fakenham, on October 27, a grocer was fined 5*l*. for selling an olive-oil substitute which, on analysis, was found to be a liquid paraffin, artificially coloured. It was stated that the price charged worked out at 3*l*. 2*s*. a gallon.—At Marylebone, recently, Ella L. Carter, Woodfield Road, Paddington, was summoned for selling vinegar which contained 25 per cent. of added water. Mr. Cook, prosecuting, said the analyst's opinion as to the adulteration was based on the fact that the sample contained only 3 per cent. of acetic acid, whereas genuine vinegar contained at least 4 per cent. Mrs. Carter urged that she sold the vinegar in the same condition as she received it. A fine of 2*l*. was imposed.—Giving evidence in a Food and Drugs Act case at York recently, Mr. John Evans, Ph.C., public analyst for York, Sheffield, and other boroughs, said that, from a wide experience of milk-analysis, he found that the average of fat was  $3\frac{1}{2}$  per cent. He examined 242 samples in September for the Food Controller, and the average in these was 3.78 per cent.

## Irish News.

### Brevities.

In a discussion at a recent meeting of the Co. Tipperary Infirmary Committee, on the increasing cost of drugs, the Chairman recommended that a charge of 6*d*. to 1*s*. be made, per bottle, to dispensary patients to help to defray the heavy outlay on medicines. It was decided to refer the matter to a committee in consultation with the physician and dispenser.

The defeat of Mr. Samuel Suffern, President of the Chemists' and Druggists' Society of Ireland, at the Pharmaceutical Council election, has caused considerable surprise. Members of the Chemists' and Druggists' Society, who endeavoured for years to get representatives on the Council, are not at all pleased that Mr. Suffern should have failed to secure election, especially as he had the support of the North of Ireland Pharmacists' Association.

Mr. W. M. Swanton, Ph.C., who was remanded on a charge of displaying notices in his window in connection with the Sinn Fein Loan (*C. & D.*, October 25, p. 69), was sentenced at Bandon Crimes Court to two months' imprisonment. Defendant made some sketches on envelopes while the evidence was being given. Asked by the Chairman if he wished to address the Court, he remained seated, and remarked: "I have not the slightest interest in the proceedings. I am otherwise engaged." He continued sketching.

### Irish Assistants' Wages Dispute.

Mr. J. W. Kelly, Secretary of the Irish National Council of the National Amalgamated Union of Shop Assistants, Warehousemen, and Clerks (Chemists' Section), in a letter referring to the report of the Federation of Chemists' (Employers) Association (*C. & D.*, October 25, p. 69), states that the explanation, given by the last-mentioned body for their refusal to accept the assistants' offer of arbitration, is very misleading. Clause 10 of the arbitration award reads as follows: This award shall be binding upon both employers and employés until three months after a notice of withdrawal shall have been given by either the Employers' Association or the Employés' Trade Union to the other. "We honoured this clause," states Mr. Kelly, "and served notice, which expired on July 31, 1919."

## Scottish News.

### Brevities.

One commodity which is very scarce at present is waxed paper.

That we have not recovered from the industrial unrest is manifest from the shortages at the wholesalers'. There are still many "absentees" on their invoices.

It is feared that one effect of the harassing of good-class traders under the Profiteering Act will be to compel them to stock the cheapest quality of goods. If they charge a little more than the "store" price, there arises the blood-curdling cry of "Profiteer!" The majority of alleged profiteering cases up to the present have (to say the least) been paltry, and the time is ripe for defensive and offensive measures.

### Edinburgh.

Lorimer & Moyes, Ltd., are holding a winter show of samples, with special terms, at 11 Waterloo Place.

Last year the Edinburgh municipal authorities received 194*l*. for old tins, 6*d*. for broken glass, and 84*l*. for bottles, etc., collected.

It is rumoured that 90 per cent. of the local chemists intend coming off the panel list at the end of the year unless their representatives' proposals are adopted.

A lady asked for  $\frac{1}{4}$  lb. of Gregory's powder the other day, and offered the sum of 1*s*. 6*d*. "It cost that when I bought it last," she explained. A few years have rolled on since the time she indicated.

The death is announced of Professor J. R. U. Dewar, 18 Drummond Place, formerly principal of the Royal (Dick) Veterinary College, Edinburgh, and latterly veterinary adviser to the Board of Agriculture for Scotland and other bodies.

The latest half-yearly balance-sheet of St. Cuthbert's Co-operative Association, Ltd., shows net sales in the drug-department as follows: Bread Street, 3,628*l*.; Tyne-castle, 1,768*l*.; Hamilton Place, 1,087*l*.; Nicolson Street, 1,730*l*.; Montrose Terrace, 831*l*.; Haddington Place, 1,348*l*.; Morningside Road, 667*l*.

### Fife.

At Inverkeithing, a woman named Leonard, otherwise Fletcher, has died from an overdose of chloral hydrate.

Mr. David Leadbetter, chemist and druggist, Lochgelly, has been elected to the committee of the Ballingry curling club.

Mr. C. S. S. McDonald, chemist and druggist, has been elected a member of the committee of the Auchtermuchty golf club.

## French News.

(From the "C. & D." Paris Correspondent.)

M. AUGUSTE SARTORY, the new Professor of Bacteriology and Cryptogamia at the Strasbourg School of Pharmacy, has been awarded the "Jean Thore" prize for cryptogamie botany by the Academy of Sciences.

POSTAL DELAYS.—The French postal authorities intimate that considerable delay occurs in the distribution of letters from England for Paris, owing to the fact that the addresses do not indicate the number of the "arrondissement" (borough).

THE COMPETITIVE EXAMINATION for scholarships at the French Schools of Pharmacy was held at the end of October. Candidates had to be over eighteen and under twenty-eight, but years passed "with the Colours" will be deducted in calculating this latter figure. Their names will be inscribed at the school they desire to join.

M. C. GÉRARDIN (Sézanne) has presented to the Museum of the Paris School of Pharmacy an article, resembling the "blade" of a swordfish, but which is labelled "Pilulier," in ivory, eighteenth century. These toothed strips of silver, copper, or ivory were used in Paris 150 years ago to divide the pill mass. They may be found figuring, so late as 1845, in the catalogue of Menier & Cie (the chocolate-making firm, which was a drug-house in those days), but these were then of iron or wood as a rule. The word *pilulier* could also mean a receptacle for storing pills (a pot or pewter coffin), or even the metal mortar in which the mass was mixed.

FRENCH PHARMACISTS AT STRASBOURG.—During the recent visit of French pharmacists to Strasbourg, many of them took the opportunity of inspecting the University buildings, and were favourably impressed by certain ingenious features. Such trifling details as the provision of a desk-tablet for each student in the lecture-halls or amphithéatres, and of a little lock-fast cupboard, came in for favourable comment. The Zeiss epidiascope, which enables the professor to project on the screen the books or drawings he uses when lecturing, was also appreciated. The Faculty of Medicine, with its splendid pharmacy, fitted so that tablets, ointments, and aerated waters can be made at once, is another noteworthy feature. The annual budget for the pharmacy alone amounted to 400,000 fr. per annum.

PARIS SOCIETY OF PHARMACY.—At the October meeting of the Paris Society of Pharmacy, M. Delépine exhibited and explained a new urinometer designed by M. Seyot, of Rennes. A committee of three members (MM. Cousin, Sommelet, and Damiens) was appointed as examiners of the papers on physico-chemical sciences sent in for the Society's annual competition. One of these, entered by M. Dematte, was a "Contribution towards the study of some derivatives of tiglic acid." M. Guérin read the report of the Committee appointed to study the case of candidates who had been prevented by the war from sending in their papers (for the annual competition) at the proper time. The Committee recommended that a supplementary competition in natural science should be instituted for these candidates. The Society approved the suggestion, and nominated MM. Goris, Cordier, and Lesure to examine documents dating from 1916. For the annual prize of 500frs., founded by Madame Vigier in memory of her husband, M. Delestrelle has sent in paper on "Officinal Cantharides: its Habits and its Larvæ," this prize being for contribution to practical pharmacy, and on the composition and testing of galenicals. A letter from the Seine Pharmacists' Association, making certain recommendations for the new Codex, was referred to the sub-committee appointed to deal with suggestions. The candidatures of M. Raquet (Lille) and M. Georgiades (Cairo) as corresponding members of the Society were handed to the usual committee for consideration. Professor Bourquelot was complimented by the Chairman, in the name of the Society, on his election as honorary member of the American Pharmaceutical Association.

## Colonial and Foreign News.

PHARMACY IN "NEW" ITALY.—The Italian Government has decided that in those territories which formerly belonged to Austria and are now included in Italy the Austrian pharmaceutical laws are to remain in force, merely undergoing a few minor alterations to bring them in line with later developments.

SHORTAGE OF ERGOT.—Owing to the great shortage of ergot in Austria, the Public Health Board has urgently requested agricultural undertakings and flour mills to collect all the ergot they may find and send it to the Economic Control Bureau for Medicaments in Vienna, which will pay 35 crowns for each kilo.

PHARMACOPEIA FOR POLAND.—A special Commission has been appointed by the Polish Ministry of Health to elaborate a Pharmacopœia, including formulas for use in dispensing for members of sick-clubs and similar institutions. A special tariff, which will be based on the preparations enumerated in the Pharmacopœia, will regulate the charges.

"THE FUTURE OF THE QUININE TRADE" is the title of a note in the "Pharmaceutical Weekblad" of October 11, which begins with the statement that this question is greatly to the front in England. "In almost every number of THE CHEMIST AND DRUGGIST," it states, "we meet long, leading articles dealing with this subject." Then follows a brief *résumé* of the article on the future price of quinine, which appeared in the C. & D., October 4, p. 81.

REGISTRATION OF TRADE-MARKS.—The Czechoslovak Parliament has passed an Act establishing the validity of all trade-marks hitherto registered with chambers of commerce in the country. Trade-marks owned by foreigners and registered in Vienna and Budapest, on application by the owner and proof of their registration, will be accepted as trade-marks in Czechoslovakia. The claim must be made by an authorised representative resident in the republic.

"SZEKSPIR I FARMACJA."—Would the Bard of Avon recognise this mode of spelling his name in an interesting contribution by T. Tugenholt to the "Nowe Czasopismo Aptekarskie," Lwow, the professional journal of our *confrères* in Galicia? The author deals with the medical preparations mentioned in Shakespeare's plays, and indicates how the national poet of England can claim the priority for the Finsen light treatment by referring to the passage in "Timon of Athens," Act V., Scene 2: "Thou sun, that comfortst, burn."

THE DRUGGIST'S DILEMMA.—What the German apotheker has to endure in consequence of the almost daily rise in prices of drugs, and by being bound to observe the dispensing charges fixed by the drug tariff, which does not follow such changes, is evidenced by a protest from one who had to pay 19.50m. for 100 grams of creosol and was allowed to charge the patient only 13.20m. Another complains that packets of saccharin for sale to establishments providing refreshments are marked with a retail price of 3.70m., but are invoiced to him at 3.75m.; he does not stock them now, as a result.

THE EFFECT OF THE WAR ON the number of students in Germany who obtained the State qualification as pharmacists, doctors, dental surgeons, and veterinary surgeons during the past four academical years is apparent from the following figures published by the "Imperial Gazette":

Year	Pharmacists	Doctors	Dental Surgeons	Veterinary Surgeons
1913-14...	652	3,747	195	345
1914-15...	205	1,116	62	235
1915-16...	171	573	61	83
1916-17...	199	1,098	81	26
1917-18...	147	611	71	23

During the year 1917-18, of the 147 pharmacists who obtained the State qualification five were women.

## The Profiteering Act.

### RETAIL TRADERS' ASSOCIATION'S OFFER.

The executive committee of the City of London Retail Traders' Association has issued a circular offering to advise members on the subject of the Profiteering Act. Mr. F. W. D'Arcy (Mappin & Webb, Ltd.), the present chairman of the Association, is a member of the Profiteering Committee for the City of London under the Act, and the name of a member of the executive committee of the Association is included in the official list of the Central Committee. With the object of protecting traders against frivolous complaints, the City of London Committee, it is understood, will not make names public in connection with any complaint until after a preliminary investigation of the complaint *in camera*. The offices of the City Retailers' Association are at the London Chamber of Commerce, Oxford Court, and 97 Cannon Street, E.C. 4.

### PHARMACISTS ON PROFITEERING COMMITTEES.

COUNCILLOR HICKS, chemist and druggist, Rothesay, has been appointed a member of the local Profiteering Committee.

BAILIE SINCLAIR, chemist and druggist, Falkirk, has been appointed a member of the local Profiteering Committee.

MR. E. JENKINS, chemist and druggist, Faversham, has been appointed a member of the local Profiteering Committee.

PROVOST RAFFAN, chemist and druggist, Stirling, has been appointed a member of the local Profiteering Committee.

MR. W. H. GRIMSHAW, chemist and druggist, Blackburn, has been elected a member of the Blackburn Profiteering Committee.

MR. A. E. HOBBS, J.P., Ph.C., Tunbridge Wells, has been nominated by the district tradesmen's association as a member of the local Profiteering Committee.

### CHEMISTS' DEFENCE ASSOCIATION'S PROPOSAL.

A special meeting of the Chemists' Defence Association will be held on November 26 at St. Bride Institute, Ludgate Circus, London, E.C., at 2.30 P.M., when the following addition to Rule 1 will be presented :

Members shall be entitled upon complying with and subject to these Rules:

(j) To legal defence against prosecution for alleged offences against the Profiteering Act, 1919 (or any Act renewing, re-enacting, or amending that Act) if in the opinion of the Association's officers and solicitors the member is not guilty of the alleged offence or a defence would be in the general interest of the members of the Association.

### PROFITEERING INQUIRY.

The House of Commons Committee on Profiteering met on October 29, when Mr. McCurdy, Parliamentary Secretary to the Ministry of Food, made a statement as to what has been done by the Central Committee in the matter of investigating profits. In the course of his speech he said: Soap is the subject of a gigantic monopoly in this country, and Sir William Beveridge, director of the London School of Economics, has agreed to act as chairman of a committee to investigate the subject. Another committee appointed to deal with tobacco has already examined a number of witnesses representing the great tobacco manufacturers of this country. Other sub-committees have been set up to deal with questions in the farriery, chocolate, and cocoa trades. Yet another committee has been investigating the present monopoly under which the Dutch trade have raised the price of quinine to the consumer to a very alarming extent, and the report of that committee is now in draft.

### COMPLAINTS.

BOGNOR.—At a recent sitting of the Profiteering Committee a complaint was received as to the retail prices charged by a local chemist for camphorated oil and morphine lozenges, which, it was alleged, worked out at 47½ per cent. above the prices current in other shops in

the town. A member suggested that before they dealt with this case they should ascertain the wholesale prices of these goods. The Clerk said that all they had to do was to ascertain the quality and prices ruling. The matter was referred to a sub-committee of six.

CHELMSFORD.—At a recent sitting of the Profiteering Committee, a complaint was made by a Mr. Beckett that on October 21 he was charged 6d. for a block of camphor at Parke's Drug Stores, High Street. Before the war these blocks of camphor could be purchased for 1½d.; two or three weeks ago he bought a piece of camphor at the same shop for 3d.; and on October 23 he purchased a similar piece at another shop for 3d. Mr. P. J. Ward, solicitor, appeared for the respondents, whose local manager, Mr. H. Clarke, chemist and druggist, stated that the camphor was a ¼-oz. square. The wholesale price now was 1s. 3½d. per oz., so that the gross profit per ounce was 8½d. This particular block came from some he had about six months ago, when the wholesale price was 10s. 4d. per lb. (7½d. per oz.). His price-lists were revised every now and again; there was no obligation to sell other than at the current prices, even if he were lucky to have bought at a cheap rate. As a matter of fact, selling the camphor blocks at 6d. each brought less gross profit than the 1d. blocks of pre-war days. Mr. T. Bellamy, Ph.C., stated that there was no collusion between the chemists in the town. The Japanese Government had a monopoly of camphor, and the price was likely to soar. Drugs had been high during the war, but they were now coming down by leaps and bounds, to the disadvantage of chemists, who had stocks by them. After a private consultation the Committee upheld the complaint, and ordered 2d. to be refunded. Notice of appeal was given.

CROYDON.—At the sitting of the Profiteering Committee on October 24 a refund of 1d. was ordered on a purchase of 2 oz. of naphthalene balls, for which 3d. had been charged by a firm of chemists. It was stated at a previous sitting that the local chemists' association had suggested that the price should be 1½d. per oz., although some chemists charged only 1d.

DERBY.—One of the first complaints dealt with by the Profiteering Committee related to a sale at a branch of Boots, Ltd., of an ounce of tragacanth for 1s. 4½d., as compared with 5d. before the war and 1s. 2d. during the war. Mr. E. S. Waring, chemist and druggist, a director of the company, denied that the pre-war charge was 5d.: he thought it would have been 8d., though his firm sold it at 6d. The present wholesale cost he placed at 19s. 6d. per lb., and on the basis of that figure a sale at 1s. 4½d. per oz. did not yield the same rate of profit as when it was obtained at 5s. per lb. and retailed at 8d. per oz. Even if 100 per cent. profit, the basis before the war, was secured, there could be no profiteering, as sellers were, he contended, entitled to the same margin of profit. In dismissing the case, the Committee thanked the complainant for bringing it forward, the chairman remarking that the difference between the pre-war and the present price justified him in concluding that he had paid too much. On behalf of the local Chemists' Association, Mr. W. Riley pointed out that the increase in drug-prices was a very serious matter. Publication of the details in this instance would lead to other petty complaints from the public, whereas the chemists were not to blame. Members of the Committee replied that the open investigation of complaints would assist in educating the public as to the marked increase in prices, and that so long as the retailer was prepared to pay any charge made by the wholesaler so long would the latter be in a position to profiteer.

EALING.—At the sitting of the Profiteering Committee on October 23, a complainant said that he was charged 1s. for two squares of camphor by Mr. A. Armitage, chemist, South Ealing Road. Mr. Armitage admitted the fact, and said that in his opinion the price was a very fair one. He produced current lists from wholesale drug houses to show that the present cost price of camphor was 20s. 4d. per lb. A retail-price list was next shown, and it gave camphor as retailing at 2s. per ounce, which was the price charged in this case. Mr. Armitage next showed that he was now getting a smaller rate of profit out of

the sale of camphor than in pre-war days, when he paid about 1s. 8d. per lb. for it and sold it at 4d. per ounce. He also said that Mr. Marns, the secretary of the Ealing and District Pharmacists' Association, was present in the room and would be pleased to give evidence in support. The chairman said that, as they were agreed that there had been no profiteering by the retailer, they would not trouble to call Mr. Marns, but would dismiss the case against Mr. Armitage. They were agreed, however, to ask the Board of Trade to investigate the profits of the wholesaler.

**EAST HAM.**—At the sitting of the Profiteering Committee on October 23, a Mr. Lockwood stated that he was charged 1s. 6d. for a feeding-bottle at the Upton Park branch of Boots, Ltd., and that he afterwards found 1s. 3d. marked on the box. He returned, and Mr. Banks, acting manager, then rubbed out the 1s. 3d. and put 1s. 6d. in its place. A solicitor representing the company explained that an error had been made, and that the charge should have been 1s. 3d. Mr. Lockwood said he was charged 1s. 6d. for a similar bottle at a City branch of the company a few days later. The Tribunal ordered 3d. to be refunded. Legal proceedings are to follow.—At another sitting, the Committee decided to take no action regarding a sale of paraffin oil at 1s. 9d. a gallon. The oilman produced invoices to show that the oil cost him 1s. 4d. a gallon, and he was allowed to make a profit of 4d. a gallon, and to charge 1d. a gallon for delivery.

**EDINBURGH.**—At the sitting of the Profiteering Committee on October 27 Mrs. Bateman, the complainant in a case of Henri shampoo-powders (*C. & D.*, October 25, p. 66), was unable to attend, but she submitted a statement, saying that a firm of chemists charged her 3d. for one shampoo-powder, which during the war was to be had for 2d. and before the war at 1d. On behalf of the respondents, a solicitor denied that the particular kind of shampoo-powder was ever obtainable for 1d. The powders cost, wholesale, 11½d. a box of seven. The selling price was 1s. 6d. The profit worked out at 37 per cent. on the selling price. Before the war the profit worked out from between 46 and 50 per cent. In regard to this particular shampoo-powder, which was a proprietary article, the wholesaler fixed the retail price, and any retailer who did not agree to sell at the figure named would not be supplied. The complaint was dismissed.—An alleged charge of 5s. for a section of honey was the subject of another inquiry, the complainant again being Mrs. Bateman. On behalf of the respondent, it was stated that the buying price was 4s. a section. The case was dismissed.—Mrs. Bateman also complained of a charge of 2s. for a jar of honey, but a representative of the respondent firm stated that the cost to the firm was 2s. 3½d. per lb. It was clarified at a cost of 2½d. per lb. The cost was then 2s. 6d. per lb., and it was sold at 2s. per lb. jar. The complaint was dismissed, and the respondent asked if he could claim expenses for being brought to the Tribunal for a trivial case like that. No answer was given.—On a complaint by Mrs. Bateman against a firm of chemists, who, it was alleged, charged 9d. a packet for linseed lozenges, a representative stated that the lozenges were bought wholesale for 1½d. per oz., and sold at 2½d., which gave a profit of 25 per cent. on the selling price. The case was dismissed.

**FINSBURY.**—At the sitting of the Profiteering Committee on October 28 it was reported that a man had written to the Committee complaining of a charge by a doctor for cutting out his tonsils. The clerk replied, pointing out that the matter was beyond the jurisdiction of the Committee, and referring the complainant to his Insurance Committee.

**GREAT YARMOUTH.**—On October 24 the Profiteering Committee investigated a complaint against a chemist of selling a tablet of Pears' unscented soap at 7d. A tablet purchased at another shop cost 6d. Both wrappers were forwarded, one of which had the price obliterated. The soap itself was stamped 6d. The secretary said he found the price at two other shops was 6½d. and 7d. It was decided to take no action.—At another sitting, the Committee investigated charges of the sale by a firm

of grocers of ½ lb. of Colman's mustard for 1s. 7d., 1 oz. of pepper for 3d., and a pint of vinegar for 6d. It was stated for the respondents that the gross profit on the mustard was 32 per cent., on the pepper 52 per cent., and on the vinegar 56 per cent.; and that the last two were slightly lower profits than those prevailing before the war. A refund of 2d. was ordered in the case of the mustard; the other charges were dismissed.

**IPSWICH.**—A complaint has been lodged against a local chemist for charging 4d. for ½ oz. of liquorice-and-menthol pellets. The Ipswich and Suffolk Chemists' Association has decided to support the defence, if necessary.

**KING'S LYNN.**—At the first sitting of the Profiteering Committee, on October 24, a woman complained that she had been charged at the rate of 2s. a pint for acetic acid, when other shops were selling it at 1s. 3d. a pint. She said she went into a chemist's shop for ½ pint of acetic acid to make vinegar with for pickling. The previous week she had purchased ½ pint from the same chemist for 9d. On this occasion the chemist told her he had not got much of the acid, and he did not think he could spare any, as owing to the railway strike he did not know when he would get any more. She was served with the acid, and the chemist said that owing to the strike he would have to charge her 1s. for the acid. She told him that she had only paid 9d. a week before. The chemist told the Committee that he purchased the acid at 1s. 2d. per lb., and taking the specific gravity into consideration it cost him 1s. 6½d. for a pint. The cost of carriage and the cost of returning empties added another 2d. per pint, so that the acid cost him 1s. 8½d. That, he contended, was not profiteering. He had discovered that he had been selling the article at a loss, and that was the reason he told the woman he must charge 1s. Chemists dealt in so many articles, and the prices were so constantly changing, that he could not keep all the prices in his head. The cost of all drugs was four or five times more than it was before the war. After consideration in private, the chairman announced that the Committee had unanimously decided to dismiss the case. At the same time they could not help feeling that the woman was quite justified in bringing the case forward. Probably nothing would have been heard of it had not the woman been led to believe that the increased charge was due to the railway strike.

**LAMBETH.**—Notice of appeal has been given by Boots, Ltd., against the decision of the Profiteering Committee ordering them to refund an additional 1½d. on a 3d. bottle, on which, upon return, ½d. had been allowed (*C. & D.*, October 25, p. 66).

**ST. PANCRAS.**—At the sitting of the Committee on October 28 a complaint was made that 1s. 8d. had been charged by a tradesman for a 1-lb. packet of custard-powder obtainable elsewhere at 1s. 2d. The Committee ordered the respondent to refund 5½d., and decided to press for prosecution.

**SHOREDITCH.**—At the sitting of the Profiteering Committee on October 24, a complainant stated that a local firm had charged him 10d. for ¼ lb. of potassium bichromate, which before the war cost only 8d. a pound, and was being sold by other shops in the locality at the present time for 7d. per ¼ lb. The manager for the respondents produced an invoice showing that they had paid 2s. 4d. a pound for it wholesale. The chairman pointed out that this represented practically 40 per cent. profit. The Committee ordered a refund of 1d.

**SURREY.**—At the sitting of the Profiteering Committee, on October 29, Mr. W. E. Clarke, chemist and druggist, Ewell Road, was the respondent with reference to the sale of a cake of Premier Vinolia Soap. Mr. A. Higgs, J.P., Kingston-on-Thames, appeared at the request of the Thames Valley Pharmacists' Association to conduct the case on behalf of Mr. Clarke. Some amusement was caused by the large number of members of the Association present, who were jocularly referred to by Mr. Higgs as "my witnesses to be called if necessary." The complainant stated that he had been charged 7d. for this soap. Mr. Higgs told the Committee that he would not appear to defend a case if in his opinion it was one of

profiteering, but he attended to give them every information available and to prove that this was not so. A letter was put in from the Vinolia Co., Ltd., stating that the price charged was correct, and also one from Barclay & Sons, Ltd., Farringdon Street, London, E.C. 1, who supplied the soap, to the same effect. Mr. Higgs explained to the Committee that the rate of profit showed 16½ per cent. on the selling-prize, and that they must disabuse their minds of the oft-repeated tale that chemists made 11½*d.* profit in the shilling; he further remarked that if Mr. Clarke relied on this profit to pay his way he would soon be in the Bankruptcy Court. After consultation in private, the Chairman announced that the Committee had decided to dismiss the case, and that as regards the manufacturers it was not a case to report to the Board of Trade.

**WEDNESBURY.**—At the first sitting of the Profiteering Committee, on October 27, a complaint was laid by a Mr. Lyster, who had purchased 4 lb. of French chalk from Mr. Morris, chemist and druggist (George Morris & Son), for which 3s. 6d. was charged. This price the complainant considered unreasonable, as he could buy the chalk wholesale at 17s. per cwt., and he had bought it in Wednesbury, in a 2-lb. lot, at 5d. per lb. Answering Mr. Glover, solicitor, who represented Mr. Morris, Mr. Lyster said that the chalk which he had had from other places was the same quality as that he had from Mr. Morris. Mr. Morris was then called, and put in an account which showed that, buying wholesale at Birmingham, he paid 6d. per lb. for the chalk. Since the complainant purchased the chalk, he (Mr. Morris) had caused chalk to be bought from different chemists in Wednesbury. One charged 6d. per ½ lb., while in Birmingham 8d. was charged for the same quantity. It was possible to buy a cheaper quality from a drysalter. A member asked Mr. Lyster whether he had brought samples of the chalk with him, and he replied in the negative. An account was put in by Mr. Lyster referring to 2 lb. of chalk which he had purchased from a Wednesbury firm for 10d.; and, upon being shown this, Mr. Morris deposed to purchasing chalk from the same shop, since the complaint had been made, and this was 4½*d.* per ½ lb. The Chairman said the Committee thought that the case was a proper one to bring forward. They had gone on the evidence, but no samples had been produced; and, as they knew, there were several grades of chalk. They had had evidence that that sold was the best French chalk, and that 6d. was paid for it wholesale. In the circumstances, the Committee decided that the charge was not unreasonable, and the complaint would be dismissed. Mr. R. A. Tench appeared for the Chemists' Defence Association.

**WOOD GREEN.**—The Profiteering Committee had before it a case in which a lady complained of the amount asked by a chemist for a prescription for a hair-wash. There was no sale. Mr. Cyril H. Kirby defended for the Chemists' Defence Association. The prescription contained tinct. canthar., spt. rosmar., etc., with aq. rosæ ad 3*viii.* The lady who complained said that she was asked 4s. by one chemist, 4s. 6d. by the chemist against whom the case was taken, and 4s. by Boots, Ltd.; but none of the persons referred to could recall the visit of the complainant or admitted seeing the prescription. The case was adjourned for a fortnight.

#### PROSECUTION.

At North London Police Court, on October 27, a grocer and oilman, named Lee, was summoned for having charged 5d. per oz. for pepper, when a reasonable profit would have been shown if he had charged 2½*d.* The defending solicitor pleaded guilty, but suggested that the defendant's wife had been misled by a slip in the invoice, which read: "2 lb. pepper at 4s. 2d., 4s. 2d." The Magistrate sent the case back to the Committee.

**JAMAICA HONEY AND WAX.**—A limited liability company has been organised by beekeepers of Jamaica. The promoters aim at developing the industry (says "The Times Trade Supplement"), and have appointed an agent in London to handle stocks of honey and wax, which the company proposes to ship to the English market.

## New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

**LAWRENCE THOMPSON, LTD.** (P.C.)—Capital, 1,500*£*. Objects: To take over the business as chemist heretofore carried on by the late L. Thompson at 22 Hendon Road, Sunderland. R.O.: 22 Hendon Road, Sunderland.

**HOLDER & SON, LTD.** (P.C.)—Capital, 3,000*£*. Objects: To carry on the business of pharmaceutical, analytical, manufacturing or consulting chemists, druggists, dry-salters, oil-and-colour men, etc. R.O.: Wellington Chambers, 46 Cannon Street, London, E.C. 4.

**PARRY PURE DRUG CO., LTD.** (P.C.)—Capital, 5,000*£*. Objects: To take over the business of the Parry Pure Drug Co., and in particular the recipes and right of manufacture of "Parry's Medicated Confections," etc., and to enter into an agreement with G. Parry. R.O.: 10 Adam Street, Adelphi, London, W.C. 2.

**MACHON'S COMFORTINE, LTD.** (P.C.)—Capital, 1,000*£*. Objects: To take over process of manufacturing a medicinal preparation known as "Machon's Comfortine," with trade-mark 55,815, and to enter into an agreement with Lands, Ltd. The permanent governing director is: J. H. M. Land, London Road, Coalville, chemist.

**CLAN, LTD.** (P.C.)—Capital, 500*£*. Objects: To carry on the business of manufacturing, wholesale and retail chemists and druggists, manufacturers of toilet preparations, soaps and perfumes, manufacturers of, dealers in, and agents for optical and photographic goods, etc. The first directors are: A. McConachie, 40 Milward Crescent, Hastings, pharmacist and chemist, and Mrs. C. M. McConachie, 40 Milward Crescent, Hastings. R.O.: 43 Plynlimon Road, Hastings.

**LEWIS AND PEAT, LTD.**—Capital, 500,000*£*. Objects: To take over the business of produce brokers carried on as Lewis and Peat, and to carry on the business of importers and exporters of and dealers in rubber, caoutchouc, ostrich-feathers, ivory, mother-of-pearl shells, tortoiseshell, spices, drugs, coffee, cocoa, tanning materials, gums, oil-seeds, copra, lime-juice products, balata, indigo, and other produce, general merchants, ship owners and builders, etc. Minimum cash subscription, seven shares. The first directors are: A. Devitt, Herontye, East Grinstead, produce broker; A. R. Peat, 94 Mount Street, W., produce broker; A. O. Devitt, Langshott, Horley, Surrey, produce broker; C. S. Tennent, Eliot Vale House, Blackheath, produce broker; J. A. Moore, The Dell, Haywards Heath, produce broker; H. M. Devitt, Oakdene, Percival Avenue, Belsize Park, N.W., produce broker; and C. G. Devitt, Fryleigh, Betchworth, Surrey, produce broker. The last five named are managing directors. Qualification, 500*£*. R.O.: 6 Mincing Lane, London, E.C.

**EVANS SONS LESCHER & WEBB, LTD.**, announce that the issue of ordinary shares has been substantially over-subscribed, and that the list was closed on October 27, instead of the day following.

**EDWARD COOK & CO., LTD.**—The annual general meeting was held on October 28, Mr. E. Leonard Cook, chairman and managing director, presiding. In moving the adoption of the report and accounts, the Chairman referred to the transition stage from war to peace, with all the extraordinary conditions thereby created. Such matters as de-control of raw materials, the new possibilities of export and import trade, with the sudden changes in demand, supply and price, the re-settlement of labour conditions and wages, the return of the fighting men, raised almost daily problems which required the utmost care and consideration. Despite all these difficulties, however, the company's trade had been well maintained. In common with most trades of the country, the company passed through a period following the armistice when sales fell away to an alarming extent: fortunately this did not last long, and so soon as there was any general revival of trade the company's business began at once to reflect it. The report was adopted.

## Legal Reports.

**Cod-liver Oil Case.**—In the Prize Court, on October 21, Lord Sterndale delivered judgment in a case in which the Crown asked for the condemnation as prize of the cargo of the sailing ship *Pampa* on the ground that she was seized carrying a cargo of contraband, 700 barrels of medicinal cod-liver oil, from Iceland, consigned by Carl Salmundsen & Co. to Einar Keilland, at Bergen, and thirteen barrels of industrial oil from Gunnar Olafsson & Co. to Einar Keilland. The Crown said that Carl Salmundsen, of Copenhagen, was believed to be the sole owner of the export firm which shipped the medicinal cod-liver oil, that he was formerly manager of Salmundsen, Lubbers & Co., Hamburg, and that since the outbreak of war he has sold and exported to Germany considerable quantities of Icelandic produce. The vessel was seized and taken into Lerwick. His Lordship said he did not think there was enough evidence to show German destination for the medicinal oil, and regarded as *bona fide* an offer to sell it to an Aberdeen firm. The industrial oil was on a different footing, as it could be disposed of profitably in Germany and Austria; he therefore condemned it. The medicinal oil was released, as was also the ship, without costs or damages.

**Libel Action**—In the King's Bench Division, on October 28, Sir John Henry Bethell, Bart., M.P., sued Mr. William Mann (Mann & Cook, glycerin manufacturers and produce importers) and others for an alleged libel. The plaintiff complained of statements in a leaflet headed, "What 'John Bull' thinks of Sir John Bethell," which, he said, charged him with unpatriotic conduct, and with pretending to the electors that he was a Coalition candidate when he was really a supporter of Mr. Asquith. The unpatriotic conduct was alleged to be the plaintiff's harsh treatment of a tenant who fell into arrears of rent while he was serving in the Army. Mr. Douglas Hogg, K.C., in opening the case, said that the plaintiff owned considerable property in East Ham, and on December 25, 1904, he let premises in High Street North, East Ham, on an eighteen years' lease at a yearly rent of 100*l.*, subject to certain covenants, to Mr. W. J. Tiltman, chemist and druggist. On April 9, 1910, Mr. Tiltman, with the plaintiff's licence, assigned his lease to a dentist, Mr. Revill. By assigning Mr. Tiltman did not put an end to his liability for the due performance of the express covenants in the lease. Mr. Tiltman remained in possession until 1917, when he "joined up." Mr. Revill then asked plaintiff to terminate the lease. Plaintiff's solicitors replied that Sir John had no power to do this unless he released Mr. Tiltman, which he was not prepared to do. The matter was taken to the County Court, and was decided against Sir John. Evidence having been given by plaintiff, Mr. Compston, K.C., addressed the jury for the defence, and called Mr. William Mann. Mr. Mann said that in the early days of the war he was refused for military service on the ground of age (thirty-five) and defective eyesight. Afterwards he was not taken for military service on account of his public service as a manufacturer of glycerin. He published the leaflet because he had been attacked by the plaintiff, and he wished to put before the electors the facts as to the patriotism of himself and the plaintiff. He sent to "John Bull" to inquire whether the plaintiff had made any reply to the attack in its columns upon him, but the files contained no such reply. He made other inquiries. He gave verbal instructions that the leaflet was to be sent to electors only. Cross-examined: In 1905 he founded his business, and in 1912 he was joined by Mr. Cook, when the turnover was 10,000*l.* a year. In 1917 the turnover was about 1,000,000*l.* He read the statement of the plaintiff (quoted in the leaflet), and as he considered that it made imputations upon him about his exemption from military service, he challenged the plaintiff to a public debate. His challenge was ignored, and then some three weeks later he published the leaflet as a reply. Re-

examined: If the full facts of the County Court case had been published, it would have been more damaging to the plaintiff than what he had published. Further evidence having been given, and the Lord Chief Justice having summed up, the jury returned a verdict for the plaintiff, with 1,500*l.* damages. Judgment was entered accordingly, with costs.

**Importation of Pyrogallic.**—A motion by the Crown to stay the Chancery proceedings in the action by Mr. John Brown, trading as Brown & Forch, chemical dealers and importers, 21 Farringdon Road, London, E.C., and Dolefield Bridge Street, Manchester, against Mr. W. Buckley, Customs and Excise Officer, at Manchester, came before Mr. Justice Sargent in the Chancery Division on October 29 (C. & D., October 18, p. 49). The plaintiff in the action had applied to the judge in the Vacation Court for an injunction restraining the officer from dealing with 5 tons of pyrogallic acid, which he had seized under a Proclamation which prohibited the importation of goods under the section of the Customs Consolidation Act, 1876, dealing with "arms, ammunition, gunpowder, and other goods."

Mr. Giveen, who appeared for the Attorney-General, said he asked for the stay pending proceedings on behalf of the Crown on the Revenue side of the King's Bench Division. In the plaintiff's statement of claim he said that the seizure was not justified and was invalid, and he asked for the return of the goods, and the defendant said that the goods were imported without any licence and he consequently seized them as coming within the scope of the Proclamation. An information under Section 207 of the Customs Consolidation Act was filed on the Revenue side of the King's Bench Division, and the plaintiff was so informed before he issued his writ. He then applied to the Vacation Judge for a summary order for the delivery up of the goods, but that failed. The position he took up was alternative and destructive. At one moment he said it was an important action, but when confronted with the statement that the action should be tried with the Crown's authority he said that it was merely an action between subject and subject, with which the Crown had nothing to do. If the plaintiff in the action was right he submitted that anyone, whether suing for the worth of the goods seized or as a political demonstrator, could put a pistol to the head of the authorities and say that he was going to give the go-by to the Statute and proceed by action for detinue in the Chancery Division. It was against public policy to allow a Revenue officer to be so sued. Mr. Buckley followed the ordinary procedure, and was appearing by the Crown's solicitors, but supposing he had been a crank who read articles by eminent gentlemen in newspapers that the Proclamation was illegal?

His Lordship: Has this been the subject of a newspaper controversy?

Mr. Giveen: Oh, yes.

His Lordship: I think I may say that in every subject there has been a newspaper controversy.

Mr. Whyley, for the plaintiff in the action, said his main contention was that, assuming that the rights of the Crown existed in general, no case had been heard since 1848 in which those rights had been exercised, and that that fact was not a mere accident, because in 1853 the Crown's prerogative of right was merged in the statute and had never been heard of since.

Mr. R. A. Wright, K.C., on the plaintiff's behalf, said that this was a case for speedy trial, and he had been trying to obtain that ever since the seizure of the goods. Not only his business had been interfered with by the seizure, but a large part of the mercantile community was in the same position. They were being interfered with by administrative acts which, so far as could be seen, were absolutely without justification. He submitted that his Lordship had a direction which would ensure that the case would somehow be brought to an early trial.

It was agreed, after some discussion, that an early trial should be arranged for, according to the convenience of the Attorney-General.

## German Chemical Stocks.

As many conflicting statements have been published from time to time concerning the quantities of dyes and chemicals Germany is prepared to dump on the various markets of the world, it is interesting to have the first-hand observations of Mr. Irving Keene (The Keene Co., London), who has just completed a month's tour in Germany. His impressions are given in "Anglo-American Trade," the October Bulletin of the American Chamber of Commerce in London, and we gather that, far from being in a position to dump, Germany is actually short of dyes and chemicals, and when she has delivered to the Allies the quantities required by the Peace Treaty there will be little left to export. The dire shortage of coal and raw material precludes the possibility of Germany becoming anything more than a weak competitor for at least a year. Mr. Keene first visited the Rhineland towns, where factories are working for German private account, but under control of the occupying military authorities. Practically none of them could offer goods for export. Up to 50 per cent. of their output as in January 1919 must be sold to the German Government for delivery to the Allies as indemnity, and little or nothing is left for export. All production is suffering from a lack of raw materials. Bayer & Co., for instance, had nothing to offer, excepting a few vat colours, and could not sell anything without instructions from the Government. Colours other than vat colours were very scarce, and supplies of medicinal chemicals extremely low. The same remarks apply to Meister, Lucius & Brüning and Cassella. The former's place had been bombed. Merck, of Darmstadt, and the Griesheim Elektron, it is interesting to note, "had fine large plants, but few materials for sale." Raw materials for both medicinal chemicals and dyes are badly needed. In Berlin, Schering and Riedel were visited, with little results. The great demand is for raw materials, coal, and credit. In some cases a year's credit was asked; others came down to six and even three months, but no security was offered. The Germans showed a surprising familiarity with the world's prices, and Mr. Keene attributes this to the fact that THE CHEMIST AND DRUGGIST got through to Germany with unusual regularity. [The C. & D. found its way through Germany's backdoors.—EDITOR.] The war has altered the attitude of the German workman, who for the first time in his life feels on an equality with his employer; but this may be a passing phase, and we gather that, although the German Michael is at present a little work-shy, he knows it does not become him and will not put food in his mouth. On his return to Paris, Mr. Keene met Dr. Herty, sent over by the American Government to buy vat dyes from Germany. Mr. Keene predicts that Dr. Herty will get as much of these dyes as anyone could, but does not think the quantity will be large in any case. Throughout his trip Mr. Keene was treated with the greatest courtesy and kindness, but no goods were forthcoming.

## Gazette.

### Partnerships Dissolved.

JONES, W., and EVANS, N. J., 134 Southampton Row, London, W.C., pharmaceutical chemists and druggists, under the style of William Jones & Co.

HAAG, E. C., and RODGERS, W., 9 Great Newport Street, London, W.C., producers and sellers of a toilet preparation, under the style of the Balmoline Manufacturing Co.

**LINSEED CROPS.**—The production of linseed in Canada, the United States, British India, Italy, Japan, and Tunis for 1919 is estimated at 13,965,000 cwt., or 34.3 per cent. less than the previous year's production, and 35.5 per cent. less than the average production of the five years 1913-17.

## Personalities.

MR. D. H. PARREY, chemist and druggist, Harlech, has been appointed senior steward of Mawddach Lodge of Freemasons.

MR. J. DONALDSON WALKER, chemist and druggist, Peebles, has been appointed a Justice of the Peace for Peeblesshire.

MR. WILLIAM WOOLLEY, J.P., manufacturing chemist, Blackburn, has withdrawn from the Blackburn municipal election contest.

MR. W. H. GRIMSHAW, chemist and druggist, Darwen Street, Blackburn, was elected Vice-President of Blackburn Curling Club on October 22.

MR. HUGH LLOYD, chemist and druggist, 260 Upper Street, London, N.2, declined an invitation to stand as a candidate at the municipal election of November 1.

MR. A. H. WARE, Ph.C., has been appointed lecturer in pharmacy, and Mr. J. G. Williams, B.Sc., assistant demonstrator in chemistry, at Exeter University College.

MR. HENRY WILLIAM BLACKADAR, chemist and druggist, Church Road, Landport, is being returned unopposed to the Portsmouth Borough Council for the St. Mary's Ward.

MR. D. A. JAMES, son of Mr. D. E. James, chemist and druggist, King Edward Street, Barmouth, has successfully passed the first examination for the degree of M.B. at Liverpool.

MR. J. B. CHALMERS, of Kemp, Campbell & Co., Ltd., wholesale druggists, Sydney, N.S.W., is returning to Australia by the s.s. *Orsova* on November 22. His London address is c/o Barrett & Co., 4 Lloyd's Avenue, E.C. 4.

MR. F. W. THOMPSON, Ph.C., who for the past nine years has occupied the position of chief pharmacist at the General Hospital, Wolverhampton, is leaving to take up the position of lecturer in pharmacy at the Leicester Municipal School.

MR. EDWARD S. BAYNES, chemist and druggist, member of the council of the Vermin Repression Society, has been acting as organiser for the Bristol Rat Week, which included the free distribution of over 500,000 baits from nine Corporation dépôts.

THE following pharmacists have been appointed Justices for their respective boroughs under the provisions of the Lunacy and Mental Deficiency Acts: Mr. R. Lord Gifford, Ph.C., Blackburn; Mr. J. J. Giles, chemist and druggist, and Mr. John Stainer, chemist and druggist, Folkestone.

MR. WILLIAM BRIGGS, pharmacist, The Vale, Lancaster, and Mrs. Briggs were, on October 29, the recipients of a solid silver rose-bowl subscribed for by the members and chief officials of the Lancaster Corporation in recognition of their services as Mayor and Mayoress during the six years 1913-19. An illuminated address, which accompanied the gift, referred appropriately to their devotion to duty.

ALDERMAN A. SIDNEY CAMPKIN, J.P., member of the Council of the Pharmaceutical Society, has been re-elected chairman of the Cambridge (Guildhall) Concert Committee, in which he has taken a considerable interest for many years. Alderman Campkin has also been appointed by the Cambridge Town Council, on the nomination of the Mayor, as presiding alderman to hear objections to nomination papers on behalf of the respective candidates for the various wards in the borough, and acted in that capacity on October 25.

MR. A. H. M. PURSE, chemist and druggist, has been appointed Clerk to the Cardiff Insurance Committee in succession to Mr. Cecil G. Brown, now Town Clerk of Cardiff. Mr. Purse has been administrative officer to the Committee and superintendent of the Welsh prescription bureau since March 1917. Previously he was superintendent to the North of England prescription bureau. He is the son of Mr. A. D. Purse, chemist and druggist, Salem Street, Sunderland, and was himself for some years in business as pharmacist in that town.

MR. W. TOWNSEND, Sheriff of Exeter, and Mrs. Townsend were recently "at home" to the staff of James Townsend & Sons, chemists' printers. The function, which took place at Exeter Guildhall, was attended by upwards of 250 guests, including the Mayor and Mayoress of Exeter, the Archdeacon of Exeter, and representatives of the firm from London, Manchester, and Wolverhampton. Music was contributed by Miss Joan Townsend and others, supported by the Exeter city military band. During the evening Mrs. Townsend was presented with a bouquet, and Mr. Townsend, in acknowledging the tribute, remarked that the total number of the staff (including the two members of the firm) who had been in one or other branch of the Services was 102, and he thought he was right in saying that without exception they were volunteers. That was a fact of which they were very proud. They were extremely pleased to welcome them, and although they missed some faces, they could congratulate themselves that the losses sustained were small in proportion to those of some firms.

## Birth.

MACEWAN.—At a nursing home in London, on October 23, the wife of Gerald T. MacEwan, 8 Birchwood Mansions, Muswell Hill, N. 10 (son of the late Mr. Peter MacEwan, Ph.C., editor of THE CHEMIST AND DRUGGIST), of a daughter (Pamela Mary).

## Marriage.

MASSON—STANBRA.—At Emmanuel Church, Northwood, Middlesex, on October 22, by the Rev. F. M. Brodie, Hedley Masson, chemist and druggist, Forest Hill, London, S.E. 23, to Mary, daughter of Mrs. and the late Mr. Thomas Reading Stanbra, Northwood.

## Deaths.

BATTY.—At 80 Upper Thomas Street, Aston Manor, Birmingham, on October 19, Mr. Thomas Batty, chemist and druggist, aged seventy-two. Mr. Batty qualified, after several years' experience as a manager, in 1885, and then began business on his own account at Aston Manor. He is survived by a widow.

COULTHART.—At Annan, recently, after a long illness, Mr. Thomas Coulthart, chemist and druggist. Mr. Coulthart served his apprenticeship at Annan to Mr. J. P. Halbert. He qualified in 1881, and shortly afterwards returned to the town and purchased the business of Mr. T. Williamson, in High Street. Mr. Coulthart was well known locally as an elder of the Parish Church and a Freemason; he was also interested in bowls and curling, and was an excellent shot. He is survived by a son and three daughters.

HERON.—At 10 Ballindalloch Drive, Dennistoun, Glasgow, on October 14, Mr. John Heron, chemist and druggist, aged forty-seven.

HOWE.—At Crofton Park, London, S.E. 4, on October 21, Mr. H. H. Howe, advertising and drug and chemical sales manager to the American Commerce Co., Ltd., 19 St. Bride Street, London, E.C. 4. Mr. Howe, who had been with the American Commerce Co., Ltd., as a manager for eleven years, was well known in the wholesale trade, and was also a prominent Freemason.

TATNALL.—At 31 Digbeth, Birmingham, on October 8, Mr. Henry Tatnall, chemist and druggist, aged eighty-three. Mr. Tatnall was a native of Birmingham, where his father was a bank manager. After education at a proprietary school at Camp Hill, he was apprenticed to the late Mr. W. E. Robinson, chemist and grocer, High Street, Deritend, whose premises are now occupied by Samuel Thornley, Ltd. After gaining further experience in his native city and at Wolverhampton, Mr. Tatnall

began business on his own account in Edgbaston Street, Birmingham, and a few years later removed to 31 Digbeth. In those early days (prior to the passing of the Pharmacy Act, 1868) Digbeth was a very important thoroughfare, and shops were at a premium. Mr. Tatnall resided at one time in the country, where he had scope for his tastes as a lover of horses and dogs (it is said that he was first to introduce Irish terriers into Birmingham); he was also a successful breeder of pigeons, and had some fine prints of them in his pharmacy. He was of a singularly benevolent disposition, and his charges were at all times generously low. A regular worshipper at St. Martin's Church, he never sought office there, nor, indeed, in any public capacity. He is survived by four sons and two daughters. The shop, which was refronted in 1914, is being retained by one of the sons, Mr. H. C. Tatnall, for the business of a veterinary specialist.

THOMAS.—At Pembroke Dock, recently, Mr. James Morris Thomas, chemist and druggist, aged sixty-two. Mr. Thomas, who was previously at Whitland, went to Pembroke Dock several years ago; he was of a genial disposition, and was much esteemed.

WEBSTER.—As briefly recorded in our last issue, Mr. John Webster, chemist and druggist, 11 and 12 Cluny Square, Buckie, ex-Provost of the town, died on October 20, aged eighty-three. Mr. Webster, who was a native of Kirkcaldy, settled at Buckie sixty years ago, and rapidly built up a flourishing business. During his long career he occupied a prominent position in the public life of the town. He was largely responsible for the inauguration of a water supply; he actively supported the extension of the railway along the Banffshire coast; he was a director of the Aberdeen, Leith, and Moray Firth Steam Shipping Company; and he was a member of the Buckie Town Council and of the Rathven School Board. As we have indicated, Mr. Webster served a term of office as Provost; and until recently he continued to take an active part in the management of his business and a practical interest in various religious and secular institutions. He is survived by four sons and two daughters.

WILLIAMS.—At 2 Davies Row, Treboeth, on October 18, Mr. Willie Martin Williams, assistant with J. T. Davies (Chemists), Ltd., Walter Road, Swansea, aged twenty.

WILLIAMSON.—At Liverpool, on October 23, Mr. William Williamson, chemist and druggist, 391 Scotland Road. Mr. Williamson, who qualified in 1879, had been in business in Liverpool for many years. His death, which took place in a nursing home after an operation, is deeply regretted by his friends and colleagues in the district. The funeral took place at Warrington on October 27.

## Wills.

MR. JOSEPH JOHN RIDING, chemist, 90 Cumberland Street, Kingston-on-Hull, who died on July 9, has left 450*l.* 7*s.* 3*d.*

MR. LEWIS ALEXANDER COCKER, Ph.C., Arbory, Roumania Road, Crescent, Llandudno, who died on March 2, has left 3,818*l.* 15*s.* 4*d.*

MR. WILLIAM BATES, chemist and druggist, 50 Oxford Street, Southampton, managing director of Wm. Bates & Co., Ltd., who died on October 6, has left 2,062*l.* 8*s.*, the net personality being 1,531*l.* 14*s.* 5*d.*

MR. ALEXANDER SCHLUSSER PICKERING, 53 Catford Hill, London, S.E., late of Dunster House, Mincing Lane, quicksilver and chemical broker, who died on August 23, has left estate of the value of 56,287*l.* 3*s.*, with net personality 55,586*l.* 3*s.* The testator gives 100*l.* to the Metropolitan Hospital, 100*l.* to the Commercial Sale Rooms Benevolent Fund, legacies to clerks in his employ and to relatives, and the residue of the property to his wife during widowhood, with the remainder to his children.

## Trade Notes.

PRICE'S PERFUMED CALENDARS for 1920 will shortly be available for gratis distribution, states an advertisement in this issue. Wallflower perfume is to be used this year.

LUCAS'S "PHARMACY."—The price of this work, which was advertised in a recent issue by J. & A. Churchill, 7 Great Marlborough Street, London, W., is 12s. 6d., and not 2s. 6d. as printed.

SIR WILLIAM CROOKES'S BOOKS are to be sold by auction on November 13 and the following day at the rooms of Hodgson & Co., 115 Chancery Lane, London, W.C. The sale begins at one o'clock each day.

SEIGEL'S SYRUP.—The new minimum retail prices of Mother Seigel's Syrup are given in the advertisement in this issue of A. J. White, Ltd., 35 Farringdon Road, London, E.C. 1. The prices take effect from November 1.

COTTONWOOL.—The price of the "E" quality, green label cottonwool advertised last week by Robert Bailey & Son, surgical-dressing manufacturers, Marriott Street Mills, Stockport, should have been printed as 1s. 9d. per lb.

"QUINPHOS."—Attention is drawn to the advertisement of Thompson & Capper, Manesty Buildings, College Lane, Liverpool, where it is announced that the 2s. 11d. size of "Quinphos," both liquid and tablets, will be increased to 3s. on November 1. Quinphos is on the protected list of the Proprietary Articles Trade Association, and is sold at face value, viz., 1s. 3d., 3s., and 5s.

ROSINE PERFUMES.—Mr. W. H. Calnan, the British agent for "Les Parfums de Rosine," 30-32 Ludgate Hill, London, E.C. 4, informs us that the perfumes are meeting with wonderful favour wherever they have been introduced. They are packed in a very beautiful style, and are suitable for high-class trade. In his advertisement in this issue Mr. Calnan is showing the distinctive character of his goods, and he intends continuing the display week by week so as to give the drug-trade an idea of the Rosine perfumes. A series of colour illustrations is supplied to those who cannot wait. These are worth applying for when a full price-list is asked for, as we have never seen such exquisite colour work.

VALERIANATE "GABAIL."—The Anglo-French Drug Co., Ltd., 238A Gray's Inn Road, London, W.C. 1, send us samples of valerianate "Gabail" and elixir bromo-valerianate "Gabail," the peculiarity of which is that although they contain ammonium valerianate and extract of valerian, the characteristic odour of valerian is absent. The absence of what has always been considered the objectionable feature of valerian is likely to find favour with medical men, although we must confess that we have heard of cases in which valerian has been administered as a deterrent on account of its pronounced flavour. The elixir contains strontium bromide. The formulas are given on the labels of the preparations. A leaflet describing the uses and advantages is obtainable.

WILKINSON'S SAFETY SHAVER.—We have had an opportunity of examining the 1920 model safety shaver which is made by the Wilkinson Sword Co., Ltd., and is advertised in this issue. The shaver differs from all other types of safety razors in several particulars, the two greatest differences being that there is a revolving guard in place of the usual comb guard, and the blades used in the shaver are solid blades, as employed in ordinary razors. The shaver is provided with a ratchet, which allows the razor to be adjusted to the angle best suited to the user, and the adjustment is effected by a simple thumb-screw at the end of the holder. The blades are designed for long use, and are not thrown away after a few days' wear. The case in which the razor is sold has a space for seven blades, one for each day of the week, the day being etched on the blade. The blades are placed in position and removed with a minimum of trouble. The 1920 model which we have been describing is sold retail in a case at 30s., with a special hand'e for holding the blades whilst they are being stropped. The wholesale house to which orders are to be sent is the Wilkinson Cutlery Co., Ltd., Tudor House, Rathbone Place, Oxford Street, London, W.

## Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped.

(From "The Trade-marks Journal," October 15, 1919.)

"ELASTOL," "VAPCOL," and "VARESCO"; for chemicals, etc. (1). By St. Helens Colour and Varnish Co., Crossfield Street, St. Helens, Lancs. 393,958/961/962.

"TISACOL"; for chemicals (1), disinfectants, etc. (2), and for goods (47). By The Isthmus Size and Chemical Co., Ltd., Folly Hall, Huddersfield. 394,162/3/5. (Associated.)

"MERCOPHARM BRAND OINTMENT"; for ointments (3). By Wm. S. Merrell Co., corner of Fifth and Pike Streets, Cincinnati, U.S.A. 390,432. (Associated.)

"THOS. EVANS BRONCHIAL SYRUP RELIEF FROM ONE DOSE," etc., with picture of woman holding bottle; for bronchial syrup (3). By T. Evans, 114 Upper Richmond Road, Putney, S.W. 15. 391,541.

"COILA BRAND" and "COILEXA"; for medicinal chemicals (3). "COILA BRAND SKIN CREAM" and "COILAQUA"; for perfumery, etc. (48). By J. P. Taylor, 2 Hamilton Place, Cumnock, Ayrshire. 392,381/3; 392,382/4. (Associated.)

"ORALOID BRAND AN ANTISEPTIC"; for a medicinal antiseptic (3). By Menley & James, Ltd., Farringdon Road, E.C. 1. 393,526.

"SPIROQUIN BRAND ANTIMALARIAL REMEDY"; for medicinal chemicals (3). By Howards & Sons, Ltd., Uphall Road, Ilford, E. 3. 393,816. (Associated.)

"ACME"; for goods (8). By W. J. Allen and W. D. Bick, 732 Colehills Street, Birmingham. 393,917.

"INSTANTO"; for food substances (42). By The Watford Manufacturing Co., Ltd., Sandown Road, Watford, Herts. 390,466.

"GLOBJANA"; for food substances (42). By R. Baelz & Co., 46 King William Street, London, E.C. 4. 391,760.

"SEMIRAMIS"; for all goods (42). By The Mersey Export and Trading Co., 532 Tower Building, 22 Water Street, Liverpool. 393,098.

"HARVING"; for goods (42). By H. Vincent, Wiggin Street, Birmingham. 395,754. (Associated.)

"PUREX"; for all goods (47). By Purex, Ltd., Greenford Green, Harrow. 389,049.

"SULIS" and "BLADUD"; for goods (47) and for perfumery, etc. (48). By C. Thomas & Bros., Ltd., Broad Plain Soap Works, Bristol. 393,670/1/2/3. (Associated.)

"OBELISK BRAND" on picture of obelisk; for all goods (47). By The United Soap Co., Ltd., 8 Lloyds Avenue, London, E.C. 3. 394,144.

"DOELINDA"; for toilet washes and hair preparations (48). By Mary E. Watts, 1 Red Lane Bridge, Stockton Heath, Warrington. 394,032.

"SOINT"; for hair preparations (48). By Lysol, Ltd., Warton Road, Stratford, E. 15. 394,297.

"LOTEX"; for perfumery, etc. (48). By Hutton & Barrett, Ltd., 16 Parade, Leaington Spa. 394,777.

## Information Department.

### INFORMATION WANTED.

72/42. Lybold's Physical Apparatus. 69/52. Bolton's White Windsor Soap.

73/45. Glass bottles for holding liquid soap; makers. 70/3. "Camphorodyne."

68/45. "Simplex" enema.

72/49. Hoffmann's liniment.

71/26. "Ramic" Government rat-poison. 72/48. Lennox's soap.

74/16. "Calidol" tooth-brushes.

73/19. Hartmann's Wood Wool specialties; supply. 75/31. Finlay's capsules.

71/26. "Belatine."

69/53. Brown's Household Panacea.

64/18. "Orlene" for deafness. 76/63. "Alexandra" toilet powder (Novelle et fils).

73/39. "Culto" nail polish; suppliers.

66/67. "Chincise Bismuth."

### INFORMATION SUPPLIED.

"Absol," 68/44

"Antipelliculaire," 69/53

"Bromidin," 71/20

"Kolynos" tooth-paste, 62/71

Koroniun Bromide, 59/72

Labelling machinery, 64/18

Lactobacilline tablets, 64/42

Lautier fils specialties (agents), 75/29

"Lavandice," 61/44

Lavender Moth Tablets, 61/44

Leeming's Essence, 64/42

"Liquiruta," 62/29

"Mabela" food, 61/29

"Nuxated Iron," 62/30

"Nyal" preparations (agents), 64/42

"Offord" truss, 62/27

"Orlene" capsules, 74/2 and 75/30

"Toxol," 57/69

Valentine's Meat Juice, 60/9

## Observations and Reflections.

By Xrayser II.

### The Word "Tribunal,"

which acquired a well-deserved hatred during the war, bids fair to earn our contempt under the Profiteering Act. The points brought forward by your correspondents last week need no further emphasis, and you have anticipated most of what I had written about the camphor case, but it is perhaps worth while to dwell a little on this in illustration of the need, if even elementary justice is to be done, of an expert adviser to every tribunal dealing with drugs and chemicals. An apparent profit at the rate of 12s. per pound on a quarter of an ounce of camphor needs no justification to an expert, though it may seem exorbitant to an ordinary tribunal. How often is camphor sold in such, or, indeed, in any quantity by retail? What amount of loss by evaporation must be allowed before a pound is got rid of in such sales? How much is to be allowed for repeated draughts, and for paper, string, and label? The net profit on the sale cannot well have been more than 1½d., and may easily have been less. This is what we get for handing an ounce of bovril over the counter, a much simpler act, and one that would not be worth doing at the price were it as rare a thing as the other. I waive the "professional" aspect of the business as one these tribunals will hardly take into account. But to what are we coming, O ye pharmacists of the prime!

### The Historical Introduction

to Mr. Jack's paper on federation, though interesting in itself, was both artistically and polemically a mistake. It had little or no relevance to the subject (for the points of contrast between the old guilds and the schemes of federation we are concerned with are very much greater than the points of resemblance, and there is no likelihood whatever that we shall copy them); it gives a tadpole appearance to the paper, and, worst of all, it is likely to create a prejudice against federation in the minds of those who know what the guilds were, and how seriously they operated in restraint of trade and experiment. The reference to the Pharmaceutical Society was equally unfortunate. The Society bears no resemblance to the guilds, and almost none to the federation we want, and were it not so the want would be less than it is. The aims of federation are in the main well indicated by Mr. Jack, but in view of the Bradford debate on proprietaries some of them appear scarcely feasible, and others are so vaguely stated as practically to mean very little. The paper would have been more valuable had less space been given to history and more to explanation.

### The Bradford Discussion

referred to above was rather confused, and led to no definite result. Pious opinions and *obiter dicta* do not take us far, and to say that a thing is desirable but impracticable takes us nowhere at all, nor does the waiting for others to move. If every chemist ad, like Mr. Fielding, the courage to act for himself, r if an association here and there had the courage to ct for itself, there would soon be a general amendment, ut while we continue to let "I dare not" wait upon "I ould," there will be none. Why do not the few individuals who have the courage band themselves together ad start a propaganda? It would cost them only a w postage-stamps and would have far more effect than discussions as the one at Bradford.

### The Malt and Oil Difficulty

of which your correspondent "Feie Morue" attempts to dispose, is, as I said, "a nice int," and it is one put to me by a neighbour. It is, never, not fairly met by my critic. In the business referred to (and there are many such) it is not worth ile to buy malt and oil in bulk, the panel patient ng comparatively a *rara avis*; consequently it cannot

be bought on remunerative terms for panel service. Moreover, the patient, having a prejudice for what he knows to be regarded as a superior quality, resents having the other thrust upon him. Your correspondent says the responsibility is the doctor's; true, but the annoyance is the chemist's. It is all very fine to talk of "pandering to an importunate public" (a thing, by the way, which my friend the complainant is the very last man to do), but to give any colour to the idea that panel patients are treated as an inferior class not deserving of consideration is sheer folly.

### The Oxford English Dictionary,

after a long interval caused by the war, resumes its course by the simultaneous publication of two double sections, completing the letter "S." Neither of them contains many words of special interest to pharmacists, but it will be convenient to deal with them separately, and this week I confine myself to the section *Stratus*—*Styx*. It has been said of the strawberry that though God could doubtless have made a better fruit, yet doubtless He never did. It is not now regarded as medicinal, but both the fruit and the plant were included in our early *Pharmacopoeias*, on account of their cooling properties. The name has been variously explained; probably it refers to the achenes scattered over the surface of the fruit, or to the runners of the plant. *Strontium* is from *Strontian*, a Scottish place-name, the mineral having been discovered in an Argyllshire parish so called. *Strontian* is properly native strontium carbonate, but has been loosely applied to both strontia and strontium. *Strophanthus* is compounded of two Greek words meaning respectively a twisted cord and a flower; the drug is extracted from the seeds of various species used by certain African tribes as a poison for arrows. *Strychnine* is another word of Greek origin. The original, *strychnos*, is applied by Pliny to a sort of nightshade, which he also calls *strunus*. *Study*, it is worth while to remember, like the Latin *studium*, originally conveyed the idea of affection for or pleasure in a person or thing. An old writer speaks of "the studye and dutye" we owe to God. *Stunt* is a word we have so often heard lately in pharmaceutical politics that a reference to it may be allowed. It belongs to the slang of American college athletics; in military use it means an attack, a "push"; its most recent meaning is "an enterprise set on foot with the object of gaining reputation or signal advantage." It is a word Mr. Skinner often uses, not without reason. In April 1915 I ventured to question Mr. Kirkby's suggestion of the meaning and derivation of *Stupe*, and was invited by him to keep the matter before me in my reading. The word occurs in this section, and is explained in accordance with the definition I quoted from Bailey. It is derived from the Latin *stupa* (more correctly *stuppa*), tow.

### None of the Herbs of the Saints—

and their name is legion—was ever, so far as I remember, called "Herba Sancte Marie" simply, unless it was mint, the *Herba Sancte Marie*, for which Folkard claims this distinction, but I know not on what authority. His words are: "In olden times mint (*Mentha*) was called *Herba bona* and *Herba Sancta*, and the ancients were wont to weave garlands of its foliage to be worn by brides. In later days the herb was dedicated to the Virgin under the name of *Herba Sancte Marie*." He also says it was strewn in churches. Rapin (Englished by Gardiner) has a reference to its use in coronals:—

But *Spearmint* must in watry Vales be sought,  
Which oft with Myrtles mixt in Crowns are wrought.

And Gerard says the Spaniards call it *Yerba buena*; which partly corroborates Folkard. St. Stephen's flower is *Erica purpurea*; St. James's, as you say, *Senecio Jacobaea*; but it would be tedious to extend the list of such names. There was also a Holy Wormwood. *Carduus Benedictus* was sometimes called Holy Thistle, and *Verbena*, Tobacco, and *Melissa* (to name no others) have all been called *Herba Sacra*.

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## Editorial Articles.

### Perfumes as Intoxicants.

THE reply recently given by the Prime Minister to the representative of the Distillers', Brewers', and Wholesale Wine and Spirit Merchants' Association that he could not offer any opinion as to when the present restrictions on whisky will be relaxed, has a direct interest for the great body of retail chemists. Our readers will remember that on the introduction of the Finance Act for this year we commented adversely on Section 13, which made permanent the emergency powers given by the Finance Act, 1915, to the Treasury to restrict the delivery of goods from bond. Parliament saw fit to pass the section, and some results with which we are now confronted are among those which we anticipated from the enactment. The supply of potable spirits on the market is quite insufficient to meet the demand, and those who must have alcohol in some form are inevitably driven to find means, legitimate or otherwise, of gratifying their tastes. The Press has, for some time past, given expression to alarm over the drinking of methylated spirit, especially by women. Recently an outcry has been raised against the alleged drinking of perfumes, such as eau de Cologne. The reports which appear contain details so improbable on the face of them that we are not disposed to accept them without much reservation. We are told, for instance, that "an ordinary sized bottle of eau de Cologne diluted with water would make three or four persons intoxicated"—a statement which a little consideration of the spirit value of the liquid puts out of court. But even though this is so, it would not be wise to overlook the effect which reports of this kind may have on public opinion in pressing for the imposition of some restrictions on the sale of these perfumes. Unlike methylated spirit, the case of such perfumes as eau de Cologne, lavender water, and the like is not expressly dealt with by statute. It may be taken as undoubted that they come under the definition of "spirits" as laid down in the Spirits Act, 1880, and the sale of perfumes by anyone not licensed to sell spirits is a practice which is tolerated rather than authorised. At the same time it is a practice which has prevailed for so long that interference with it would only be likely where there was clear evidence of abuse. But in such an eventuality interference would be inevitable. The Commissioners of Customs and Excise might be expected to intervene as soon as it became evident that the revenue from spirit-licence duty was endangered by the sale without licence of perfumes to be used as beverages. Nor would the police, who also have powers under the Licensing Acts, be slow to act. The fact that nothing has been done in this direction by either authority up to the present may be taken as satisfactory proof that the abuse complained of, if it has any existence, is in reality negligible. This, however, does not take away from the force of our contention that the restriction on the delivery of spirits from bond is an interference with trade which is unnecessary and impolitic.

### Pharmaceutical Research in America.

DR. EDWARD KREMER, Director of the Pharmacy Course in the University of Wisconsin, Madison, U.S.A., stung apparently by a remark in a journal of pharmacy that good papers dealing with the scientific side of pharmacy are rare, sends us copies of recent theses dealing with pharmaceutical subjects submitted for the degree of doctor of philosophy at the University of Wisconsin. These are "Pigments of Flowering Plants," by Nellie A. Wakeman, and "A Century of the United

States Pharmacopœia, 1820-1920—Part I., The Galenical Oleoresins," by Andrew G. Du Mez. Miss Wakeman's thesis occupies 146 pages. It deals first of all with the theories of colour in organic compounds, and then classifies the colours according to the formulas of saturation. Most of the pigments dealt with occur in medicinal plants. The thesis represents an enormous amount of patient work. Mr. Du Mez's thesis on the galenical oleoresins of the United States Pharmacopœias consists of 288 pages, and in it is incorporated a large amount of original research on the yield of oleoresins. Each oleoresin is dealt with on a settled plan, which begins with an historical sketch of the particular oleoresin and includes a bibliography of the subject. This is a good opportunity of referring to an idea which Professor Kremers has started for an encyclopædic dictionary of pharmacy on the card system. He has sent us a selection of the cards already issued. The cards are  $5\frac{1}{2}$  in. deep by 8 in. wide, the subjects dealt with on separate cards being anaesthesia, liq. potassium arsenitis, linogen, parogen, vaselon, vasoval, etc. Other cards are biographical, and one is devoted to the variations in the legal definition of drug in the United States. The following reprint of one of the cards shows the scope of the encyclopædia:

#### LINOPENUM

**History:** Linopenum is the title applied to a basal preparation for external application, similar to vasogen, the formula of which was offered by P. J. Mindes in 1903. It differs from vasogen in having linseed oil as a base in place of liquid vaseline. As in the case of vasogen, a liquid and a solid form are offered. The liquid linopenum consists of linseed oil, 35 parts; white olein, 35 parts; spirits of ammonia, 20 parts; alcohol, 8 parts; and ether, 2 parts. The solid linopenum consists of linseed-oil ointment (oil, 3 parts; paraffin, 2 parts), 60 parts; white olein, 30 parts; and spirits of ammonia, 10 parts. Mindes proposes formulas for as many as fifteen specific preparations.

**Properties:** Linopenum (liquid) is a clear fluid mixture. Linopenum (solid) is a light yellow soft ointment which will absorb five times its weight of water in the cold and three and one-half times its weight under ordinary conditions.

#### Preparations:

Linogenum camphoratum	...	...	25 p.c.
Linogenum Chlorali hydrati	...	...	5 p.c.
Linogenum Creolini	...	...	20 p.c.
Linogenum Creosotali	...	...	5 p.c.
Linogenum Creosoti	...	...	50 p.c.
Linogenum Hydrargyri	...	...	10 p.c.
Linogenum Ichthyoli	...	...	10 p.c.
Linogenum Jodato-Ichthyoli	...	...	3 p.c.
Linogenum Jodoli	...	...	3 p.c.
Linogenum peruvianum	...	...	20 p.c.
Linogenum Resorci	...	...	10 p.c.
Linogenum Styracis	...	...	2 p.c.
Linogenum Styrae comp.	...	...	5 p.c.
Linogenum Morphii hydrochlorici	...	...	2 p.c.
Linogenum Veratrimi	...	...	5 p.c.

**Uses:** Similar to vasogen, q.v.

**Parallel preparations:** For further information concerning this type of preparations see:

Linoliment; Linoval; Parogen; Penetrole; Petrogen; *Petrolatum saponatum*; Petroliment; Petroxolin; Valsol; Valsol; Vasapon; Vascogen; Vaselon; Vaseloxync; Vaseline; Vasogen; Vasol; Vasoliment; Vasopolen; Vasoval.

**Literature:** More detailed information may be obtained from the following journal article:

1902. P. J. Mindes, *Vasogen, Fasoliment und Linopenum*, *Pharm. Post*, 35, p. 165. [Pharm. Ztg., 47, p. 286; *Proc. A. Ph. A.*, 50, p. 779.]

General articles on the subject may be found in the following treatises:

1907. R. Lueders *Die Neueren Arzneimittel in ihrer Anwendung und Wirkung*, p. 371.

1908. Coblentz. *The Newer Remedies*, 4 ed., p. 79. [Riedel's Berichte, 52 ed., p. 140.]

1910. *Gehre's Codex*, p. 206.

For journal and book literature on parallel preparations, see names enumerated above. For a brief review of the entire subject, see H. A. Langenhan and G. J. Noel, *Petroxolins and Parallel Preparations*, Circular No. 5, *Wis. Pharm. Ex. Sta.*, 1918.

The project is an ambitious one, and would take years to complete, even if a large staff of experts were employed continuously. Of the usefulness of the card encyclopædia here can be no doubt.

## Palm-kernel Industry Protection.

It is common knowledge that prior to the war Germany practically monopolised the palm-kernel crushing industry, her imports of oils and oil-seeds from British West Africa alone in 1913 being almost four millions sterling, whereas Great Britain was content to take the manufactured products from Germany and Holland, those countries thereby acquiring an enormous quantity of cake as cheap cattle-feeding stuff. The war, however, created a new British industry, the story of which we told in the *C. & D.* of June 17, 1916 (p. 43). About this period Sir Arthur Steel-Maitland's Committee issued its well-known report on Edible and Oil-producing Nuts and Seeds (West Africa), the result of which was that Mr. Bonar Law told the Governors of West Africa to prepare to impose an export duty of 2*l.* per ton, or more if necessary, on palm kernels shipped to ports outside the British Empire. This tax, which has aroused considerable controversy, was to have been brought into operation by Proclamation on October 20, 1919, but was suddenly abandoned at the eleventh hour, as the scheme was found to be unworkable and provoked considerable opposition. Lord Milner, at the instance of the Food Controller, has now brought forward new proposals, and has asked the Governors of Nigeria, the Gold Coast, Sierra Leone, and the Gambia to prohibit the exportation of palm kernels, ground-nuts, and copra from those Colonies during the next few months to all destinations outside the British Empire, but to issue export licences to all exporters of these products to the United Kingdom who apply for them on the following basis:

(a) The licence to be transferable by the holder if desired, and to authorise the exportation to any country outside the British Empire to which goods may lawfully be exported of a fixed proportion of the amount of the article which that exporter has shipped to the United Kingdom.

(b) The proportions to be:

*Palm-kernels*.—A licence for 10 tons for every 90 tons shipped to the United Kingdom.

*Ground-nuts*.—A licence for 20 tons for every 100 tons shipped to the United Kingdom.

*Copra*.—A licence for 100 tons for every 100 tons shipped to the United Kingdom.

2. It has been left to the discretion of the Colonial Governments whether they should adopt the above arrangement as regards ground-nuts pending receipt of information as to whether the Indian Government intend to impose restrictions on the exportation to destinations outside the Empire of Indian ground-nuts (see p. 65).

3. When the above-mentioned export prohibitions have been imposed other oil-seeds and oleaginous nuts, seeds, and products (with the possible exception of palm-kernel oil) will be freed from export prohibitions in the British West African Colonies and Protectorates.

4. Under these arrangements the granting of export licences to exporters will be entirely a matter for the Colonial Government, to whom all applications should be addressed.

It will be seen that the original proposals have grown in their scope, for to palm kernels there have been added ground-nuts and copra. The question now arises as to whether India will agree to the suggestion of Lord Milner that similar prohibition should be imposed on the Indian producers and their exports. If the Indian Government refuse to adopt the export-licence system, then it looks as if the Colonial Governors may withdraw that part of the request which affects ground-nuts. France is concerned more than Great Britain in the Indian ground-nut trade, and a protest from that quarter is quite expected. The avowed object of the proposal is, of course, to protect the British oilseed-crushers and margarine-makers, and at the same time prevent Germany in the future from dominating a vital industry which should permanently be in British hands.

## Profiteering Proceedings.

A CIRCULAR sent out by the Local Associations Executive of the Pharmaceutical Society has been sent to us by a subscriber, and we find that it is the source of the various notices sent out by local associations to which reference was made last week. The circular specially asks that local

associations shall deal with complaints against chemists of profiteering, and that the Pharmaceutical Committees shall not be associated with the question. It is requested that details of cases should be sent to the assistant secretary. We mention this because we are informed that the net result of informing that official of a case is that the chemist is asked if he is a member of the Chemists' Defense Association and, in case of an affirmative answer, is told to get the Association to take up the matter. The L.A.E. thus merely plays the part of a circumlocution office in the great game of officialism. The complaints against chemists of profiteering which are reported elsewhere in this issue show that a good deal of unnecessary trouble is being caused to chemists by cases which turn out to be ill-founded. The public seem unable to grasp the fact that the war has made hundreds of the products which chemists sell scarce, and that the retail prices necessarily follow the cost to the chemist. It is interesting to note that, so far, no case of real profiteering by a chemist has been disclosed. Those chemists who are thrown upon their own resources in defending charges are reminded that the production of price-lists of wholesale and retail prices is the best defence, but this presupposes that the chemist follows carefully the variations in cost prices and charges the public accordingly. It is a pity that some compensation cannot be made to chemists who have to answer false charges of profiteering, but it is probable that Profiteering Committees who have had one or two of these cases before them will learn to appraise them at their true value, and not call upon the chemist to incur the expense of defending them. We suggest that the Local Associations Executive could spend its funds to better advantage by supplying Profiteering Committees with copies of price-lists, so that the Committees could in most cases readily judge whether a complaint is of such a nature as to call for a full-dress inquiry. Perhaps, however, this is too delicate a matter to be entrusted to the L.A.E., in which case local chemists might consider the wisdom of taking the course suggested. It has, we are informed, been adopted in one or two districts with apparent success.

### What Australia Thinks.

THE last issues of the journals of pharmacy published in Australia show that the passing by the members of the Pharmaceutical Society of Great Britain of the by-law admitting unexamined persons to the Register of Chemists and Druggists is regarded there as a retrograde step by the U.Y. Council. "The Chemist and Druggist of Australia," after analysing the scope of the by-law, states:

Every Pharmacy Board in Australia and New Zealand accepts an English certificate of registration as a chemist and druggist as a qualification for registration without examination. The admission without examination of apothecaries' assistants to the English Register, which seems inevitable . . . will compel each Board to re-examine the question of any of these so registered should in future apply for registration in Australia.

The "Australasian Journal of Pharmacy" finishes an article on the subject with the following remarks:

If the British Register is diluted by the addition of a number of partially trained men, the Australian and New Zealand Pharmacy Boards may have to ask their respective Governments to protect the interests of local pharmacists by amending the law in such a way that the Boards may be empowered to discriminate between those who have qualified in the regular way and those who have secured admission to the Register by a side entrance.

We learn also that the Council of the Pharmaceutical Society of Queensland resolved to write to the Pharmaceutical Society of Great Britain stating that the persons registered under the apothecaries' assistants by-law cannot be registered in Queensland. It is curious to note that the Privy Council has so far withheld its consent to the by-law, but not, we fear, in any repentant spirit. All the evidence shows that the Privy Council do not care one strum for pharmacy qualifications so long as the claims of unqualified persons are recognised. Meanwhile it has not yet transpired what the cost was of the trick telegrams that were sent out on behalf of the seventeen Pharmaceutical Councillors who betrayed British pharmacy.

## Organising the Drug-trade.

### Drug-Union Meeting.

A MEETING of the newly formed West Suburban Branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers was held at Chiswick on October 15. Mr. D. A. Rees in the chair. Mr. A. Barrett gave an address on "The Relationship of Branches in a National Movement." A discussion followed, and all the visitors joined the union. It was unanimously decided to support the Forty-eight Hour Bill. The next meeting will be held on November 10.

### N.A.C.A. Meetings.

MEMBERS of the Blackburn branch of the National Association of Chemists' Assistants held a meeting on October 22, at which Mr. Fred Law presided, and an explanatory address on the work of the Association was given by Mr. G. Livesey (President).

THE MONTHLY MEETING of the Bournemouth branch of the National Association of Chemists' Assistants was held on October 16. Mr. L. Watson in the chair. The scale of minimum wages, as suggested by the Executive, was agreed to with one or two amendments, and the proposal to register the N.A.C.A. as a trade union was also approved.

THE FIRST GENERAL MEETING of the Derby branch was held on October 22. The minimum wage scale and the Executive's decision to register as a trade-union were approved. Several new members were enrolled. In the evening a successful whist-drive was held, about sixty members and friends, including several employers, being present. During the interval musical selections were rendered by local artistes.

A MEETING of the Hull branch was held on October 22, the President (Mr. L. Sherwood Seile) in the chair. Six new members were elected. The suggestion to register the N.A.C.A. under the Trade Union Acts was approved and arrangements were made to hold the Christmas social and reunion on December 22. The President then gave his inaugural address on *The Status of the Chemist's Assistant*, in which he showed the factors which determine a person's real status in life. The importance of education to the budding pharmacist was insisted on, members being urged not only to acquire the necessary knowledge for qualification, but also to make themselves familiar with side lines; e.g., photography, veterinary medicine, knowledge of the treatment of hair and foot troubles, and an understanding of manicure. Two subjects are also necessary to all assistants—a knowledge of first-aid, and an acquaintance with the simpler details of book-keeping—how to check an invoice, to deal with returns, and to write ordinary business letters.

### Shop Assistants' Union.

AT A MEETING of chemists' assistants and apprentices held on October 22 at Plymouth, Miss Chinn presiding, it was decided to form a chemists' section of the National Amalgamated Union of Shop Assistants, Plymouth branch. Mrs. W. E. Pearson spoke on the need of organisation, and the advantages offered by the Shop Assistants' Union.

MEDICINE BY AIRPLANE.—"A recent paragraph in *THE CHEMIST AND DRUGGIST* reminds me," writes a correspondent, "that while in America in August last a representative of the Owl Drug Company (which had thirty drug stores on the Pacific Coast) told me that their branch at Stockton received one day in July an order from a local physician for a package of medicine urgently needed. It was found that the preparation required could not be obtained in Stockton, and the physician insisted that he must have the prescription within an hour and a half. The manager of the Stockton store thereupon telephoned to the headquarters of the company in San Francisco, and arrangements were instantly made to forward the medicine by aeroplane. The trip was made in fifty minutes. The physician, whose requirements were met so promptly, was only charged the ordinary cost of the preparation."

## Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

### GERMAN POTASH.

The President of the Board of Trade informed the House of Commons on October 22 that the Board of Trade has entered into a contract with the German Government for the supply of potash representing a value of 750,000L. The contract, he added, was entered into to secure necessary supplies for the United Kingdom.

### THE TELEPHONE SYSTEM.

The Postmaster-General stated in the House of Commons, on October 27, that it is proposed to spend 3,000,000L. during the current year on the development of the telephone service if the various contractors are able to deliver the plant. He also informed a questioner that it is not proposed to revert to skips in place of sacks for the conveyance of goods by parcels post.

### WAR EMERGENCY LAWS (CONTINUATION) BILL.

The second reading of this measure took place on October 28. Since we referred to this Bill (C. & D., August 9, p. 58) the Government, alarmed by the opposition it has aroused, have cut out many of the Defence of the Realm Regulations it was proposed to prolong after peace had been declared, but the Bill apparently still includes the objectionable Cocaine and Opium Regulation made under the powers conferred by the Defence of the Realm Act. Sir Frederick Banbury nearly succeeded in obtaining the withdrawal of the Bill on the technical point that some of the clauses alter the law, a point which is not covered by the title of the Bill.

### RATS AND MICE (DESTRUCTION) BILL.

The second reading of this bill was taken in the House of Commons on October 27. The Parliamentary Secretary to the Board of Agriculture explained the provisions of the bill. It is laid down that the occupier is responsible for keeping down vermin on his premises; if he does not take reasonable steps to exterminate vermin he is to be liable to a fine of 20L. Local authorities are to enforce the Act, and power is given them to enter rat-infested premises, destroy the rats, and charge the owner with the expenses incurred. Clause 5 deals with the destruction of rats on ships, and the precautions that must be taken to prevent the vermin escaping from the ship to the land.

### EXPORT OF OIL PRODUCTS.

Colonel Wedgwood, on October 29, asked the Secretary of State for India whether the Indian Government has been approached by any other departments with a request that the export of oil products of a kindred nature with those of Africa shall be prohibited except to British manufacturers, and if any reply has yet been sent to the department concerned.

Mr. Montagu replied: The Government of India have considered a suggestion that they should regulate the export of copra and cocoanut oil on the lines of the scheme proposed in the case of similar West African produce, and have replied that they consider the proposed action unnecessary.

### PROFITEERING ACT.

The President of the Board of Trade stated on October 22 that the Central Committee of the Board of Trade dealing with profiteering are investigating the prices of (among other things) weights and measures, weighing and measuring machines, brushes and brooms. Complaints arising out of retail sales are being investigated by some 1,600 local Committees established by local authorities.

Questions in the House of Commons during the week have elicited the information that steps are being taken to find out whether the Profiteering Act needs amendment. The hire of gas-stoves is not at present a matter that can be brought under the Act. Mr. Bonar Law on October 28 uttered the aphorism that "high prices can only be effectively reduced if there is a greater production of commodities."

## Gum Tragacanth.

In the course of a report furnished by the Revenue Commissioner in Mesopotamia it is stated that the most valuable of the gums collected is tragacanth, which is produced by tapping small shrubs which grow all over the mountains of Southern Persia, and from there through the entire mountainous region which runs north-west along the frontiers of Mesopotamia, comprising such areas as Northern Arabistan, the Luristan-Pust-i-Kut Country, and Kurdistan. The most important collecting centre for Baghdad is Suleimanaya, the capital of the Suleimanaya district of Kurdistan, situated about 180 miles to the north-east of Baghdad. In this area there is a regular trade in this gum for the Baghdad market. The gum is called "Al-kitirah" in Arabic. The method of tapping the bushes is as follows: The Kurds first burn all the leaves off the bushes, then expose the roots, cut incisions in the roots, and leave for a week or so; they then return and collect the gum which exudes from the roots. The first tapping produces white gum of the best quality, second and subsequent tappings gums of yellow colours and inferior quality. Excessive tappings weaken, and may sometimes kill the bushes. The Kurds bring in the gum to Suleimanaya, where it is bought by local merchants, who export it to Baghdad on pack transport in caravans, and sell to Baghdad merchants. These merchants export to England and foreign countries. The local Customs authorities levy a 12½ per cent. tax on the market value in Suleimanaya.

The northern mountainous Kurdish country in the Mosul Vilayet is a mass of mountains and valleys. The mountains are covered with scrub evergreen oak forest, and the higher hills and plateaux are full of these gum bushes. No organised trade, however, appears to exist, although Persian merchants are said to have come down off and on in the past to exploit these gums. The distance from Mosul town to this gum-bearing country is from fifty to 100 miles. All transport at present is on pack animals, but three unmetalled roads up to the hill country have been constructed. The country is meanwhile wild and unsettled, but with the introduction of law and order, the opening up of the country by means of roads and the construction of a railway to Mosul, which means direct rail from Mosul to Basrah, the exploitation of gums in this country should be possible in the near future. An article written in 1903 in a book about agriculture in the Baghdad Vilayet states that the export from Baghdad in 1887 was 641,250 kilogrammes (=130 tons) and in 1890 it had decreased to thirty-nine tons.

A second kind of gum is produced from a large tree which grows throughout the part of Kurdistan now under British occupation. The tree grows to a great size, 50 ft. high and up to 8 ft. in girth. It is found scattered throughout the valleys only, especially near the villages in the forests. The tree produces edible fruits, sold for food and for extraction of oil in Mosul, Baghdad, and all other local markets of any size in Northern Mesopotamia, and also this gum, called "elk" (elch) in Arabic. The method of tapping this elch gum is by making long incisions in the trunks of the trees, placing some receptacle underneath to catch the exudation. A regular trade exists in the Suleimanaya district of Kurdistan, but there is none at all in the north of Kurdistan, which falls in the Mosul Vilayet, although "Bottom" trees abound in the valleys of that country. The bulk of this elch gum is exported direct from the Suleimanaya district by caravan to Aleppo, where it is used for sizing cloth. Some portion comes to Baghdad city, and there is no foreign export from Baghdad; it is all used locally for (a) sizing cloth, (b) in local medicines, (c) as a local chewing gum, (d) in the manufacture of arrack liquor from dates. The price of this gum in Baghdad at present is Re. 1.80 per lb. There is no doubt that very large amounts of this gum could be collected from the areas mentioned, under conditions similar to those already described for tragacanth.

THE ANGLO-FRENCH TELEPHONE service was reopened to the public on October 28.

## Associations' Winter Session.

**Belfast.**—The opening meeting of the winter session of the Chemists' and Druggists' Society of Ireland was held in the Society's rooms, 11 Waring Street, Belfast, on October 22. The President (Mr. Suffern) occupied the chair, and was supported by Mr. Fred Storey and Mr. F. T. Smyth, J.P. (Vice-Presidents). The following members were also present: Messrs. W. J. Rankin, Samuel Gibson, J.P., Wm. Gibson, J. D. Carse, R. A. Jamison, J. Moffett, E. Roberts, J. A. McRoberts, R. Kells, Geo. Johnson, Samuel McDowell, T. Sandford, H. Marshall, A. R. Hogg, John Frackelton, Thomas Stephenson, A. E. Davis, H. McRoberts, A. Stevenson, and Samuel Nevin (Hon. Sec.). The President welcomed the members and friends. An enjoyable programme was then given, the following taking part: Mrs. Martin, Miss L. Martin, Messrs. Beggs, Scott, Hogg, Fawcett, Birrell, Belshaw, and Hercat. The accompanists were Miss J. Scott, A.L.C.M., and Miss Galway, A.L.C.M. Votes of thanks were passed to the artists and to the Social Committee for the excellent arrangements. The singing of the National Anthem brought an enjoyable evening to a close.

**Birmingham.**—The Birmingham Pharmaceutical Association held the first Council-meeting of the session on October 27. The following officers were elected: *President*, Mr. H. O. Lloyd; *Vice-Presidents*, Messrs. J. W. Atkinson and H. H. Marshall; *Hon. Secretary*, Mr. F. Smith; *Treasurer*, Mr. J. Poole; *Hon. Librarian*, Mr. F. H. Alcock; *Hon. Auditors*, Messrs. G. H. Toy and E. Gee; *Joint General Purposes Sub-Committee*, Messrs. E. S. Francis and J. Wakefield, together with the President, Secretary, and Chairman of the Pharmaceutical Committee (*ex officio*). Correspondence respecting unprofitable proprietaries was referred to a Committee. Eleven new members and forty-seven Associates were elected. A report of the death of two old members, Mr. T. Batty and Mr. A. Blackbourne, was received with regret. It was decided to offer for competition by the students of the Technical School pharmacy classes two sessional prizes, consisting of a bronze and a silver medal, each accompanied by a gift of books or scientific apparatus.

**Bournemouth.**—The members of the Bournemouth Chemists' Assistants' Association and of the Bournemouth branch of the National Association of Chemists' Assistants, held a successful whist-drive on October 22. At the finish of the game the prizes were presented by Mr. D. Buchan (President of the Bournemouth Pharmaceutical Association). The two first prizes were given by the Bournemouth Pharmaceutical Association, and the others by the managers of Boots, Ltd., and Messrs. Watson & Loveday.

**Cambridge.**—A meeting of qualified and unqualified assistants and apprentices was held on October 27. After hearing the President and Secretary of the local Association, it was resolved to form an assistants' section of the Cambridge Pharmaceutical Association, and Miss D. French, chemist and druggist, was appointed Secretary *pro tem.*

**Coventry.**—A meeting of the Coventry Pharmacists' Association was held on October 24 under the chairmanship of Mr. C. H. Welton (President). The Chairman reported that satisfactory arrangements had been made with the local public medical service, and announced that all dispensing for the P.M.S. would be paid for at Insurance-dispensing rates. With reference to the Profiteering Act, it was decided to send a resolution to the manufacturers' section of the Proprietary Articles Trade Association suggesting that, in cases where the retail values of proprietaries have changed, the prices on packages should be omitted or obliterated. It was also decided to send a copy of the minimum retail-price list to the local profiteering tribunal, explaining that retail prices of drugs, etc., are according to this list. The President, Mr. Robinson, Mr. Welton, and the Secretary were deputed to act as an Advisory Committee in case of prosecutions under the Act.

**Dublin.**—At the annual general meeting of the Dublin Retail Drug Association held on October 13 the following officers were elected: *President*, Mr. D. M. Watson; *Vice-President*, Mr. A. O. Wells; *Treasurer*, Mr. J. R. Middleton; *Hon. Auditor*, Mr. Robert White; and *Hon. Secretary*, Mr. Victor E. Hanna.—A Committee meeting was held on October 22, Mr. D. M. Watson (President) in the chair. The following were also present: Messrs. John Smith, G. A. McLean Lee, W. T. Smith, Dr. J. A. Mitchell, and Mr. R. J. Kidney (Secretary). Correspondence from the following was dealt with: Messrs. A. J. Barnes (Dublin), W. F. Knight (Newcastle West), Geo. White & Sons (Waterford), Robert T. Burns (co. Leitrim), and the Ulster Retail Drug Trade Association. With reference to the suggestion of Dr. A. J. Barnes that the price of B.P. preparations and tablets should be revised, it was decided to defer consideration until the next meeting of the Committee.

**Ipswich.**—The annual meeting of the Ipswich and Suffolk Chemists' Association was held on October 23, Mr. G. N. Edwards (President) in the chair. A letter was read from a member stating that a complaint had been lodged against him under the Profiteering Act (see page 55). It was decided to raise the subscription to 10s. 6d. annually (including East Anglia Federation fees), to allow for the distribution of the improved price-list of the Association to its members; also that the title be changed to "Ipswich and Suffolk," as the Bury St. Edmunds and West Suffolk Association had decided not to continue as a separate organisation. Officers for the ensuing year were elected as follows: *President*, Mr. C. Smalley; *Vice-President*, Alderman Owen Clark (Bury) and Mr. J. R. Cornell (Ipswich); *Committee*, Messrs. A. G. Gamble (Bury), T. Wilson (Stowmarket), Davidson, Oldfield, and Wiggin; *Hon. Secretary and Treasurer*, Mr. J. A. Symonds. The President drew attention to Mr. A. Paul Ridley's candidature for the Town Council, and asked the members to render any help they could to further it, as it was very desirable that they should be represented on this body. Mr. Edwards, on behalf of the Association, presented Mr. Wiggin, the retiring Secretary, with a handsome *entrée* dish in recognition of his services, and mentioned also that the thanks of the Association were due to Mrs. Wiggin, as many committee meetings had been held at their house. Mr. Wiggin suitably responded.

**London (S.W.).**—A meeting of the South-West London Chemists' Association was held on October 21, the President (Mr. John Humphrey) in the chair. There was a good attendance of members, but though all assistants and apprentices in the area had been invited, very few were present. The question of forming employers' and employés' sections was deferred, and a Sub-Committee appointed to report fully on the scheme and on the possibilities of an employers' federation on the Scottish plan being formed in England. Interesting accounts of war work were then given by two members of the Association. The first was by Mr. F. Harrison Glew, O.B.E., who showed specimens of radium gun-sights (used for night firing) which had been supplied by him to the British and Allied Governments. These consisted of small, sealed tubes of radium and zinc sulphide of varying sizes. They were manufactured in a workroom behind Mr. Glew's pharmacy, and the output had been as high as 10,000 in one day. Very large quantities of radium had been required, and Mr. Glew had in his pharmacy at one time more radium than was estimated, a few years ago, to exist in the whole world. He also exhibited a photograph which had been taken by means of radium through 15 in. of cast steel. Mr. Glew gave a modest account of his achievements, but the facts he disclosed were sufficient to make it evident that his work had been of incalculable value to the whole of the Allied Forces. His only regret, he said, was that his work had been on the offensive side. Captain E. A. Atkins, R.E., Ph.C., gave an account of the work of the anti-gas department, with which he had been associated. He said that Mr. Glew had nothing to regret in his work being entirely on the offensive side of warfare. His (Captain Atkins') work had been entirely defensive against attack of so fiendish and inhuman a

kind that his only regret was that he could not act on the offensive also. He traced the work of the anti-gas department from the date of its formation up to the cessation of hostilities, and showed samples of respirators and gas-masks in the various stages which led to the evolution of the final type. In addition to the British masks, samples of splinterless glass were shown (British made) as used for goggles and eye-pieces. Specimen masks of French, Italian, American, and German origin were also exhibited, all of which were inferior to the latest British type. Captain Atkins paid a high tribute to the work of the late Lieut.-Colonel Harrison.

**Liverpool.**—The Liverpool Chemists' Association, together with invited guests from Chester and Wallasey, assembled at the Royal Institution on October 22 to hear an address on *The Future of Pharmacy*, by Mr. John Keall (member of the Pharmaceutical Council). Mr. David H. Evans (President) was in the chair, and, in thanking the members for re-electing him as President, stated that he looked forward hopefully to the Pharmaceutical Conference at Liverpool next July, and congratulated the Reception Committee on having secured Mr. W. P. Evans (Evans Sons Lescher & Webb, Ltd.) as their chairman. He hoped that the Proprietary Articles Trade Association Conference would visit Liverpool as soon as practicable. Mr. Keall, in his opening remarks, expressed pleasure at the interest he had found in this his first visit to Liverpool, and spoke principally of matters relating to the P.A.T.A. and the Chemist' Defence Association. He disavowed any fear that the craft would be overthronged by an accession of recruits, many of whom represented the arrears of the war years. He had visited Bloomsbury Square, and noted the ingenious "Box and Cox" arrangement by which 140 students were accommodated at seventy laboratory benches. He favoured the adoption of the Whitley Councils, and added that it is "up to" the Ministry of Health to see that pharmacists are paid for the great work which they perform. On the question of profiteering, he said the price charged for a given article should be the price ruling at the time, and he suggested that wholesalers could help retailers by declaring a price for goods which did not bear a face value. The speaker was thanked and wished "Bon voyage" on his departure by the night boat to Ireland. Mr. E. McMillen (P.A.T.A.), who was asked to supplement the speech by Mr. Keall, reported that the Liverpool members of the P.A.T.A. now reached the record number of 167 out of 191, or 87 per cent. He commended the largest co-operative societies for selling proprietary articles at face values and excluding these from dividend. Mr. Parry objected to advertisements of proprietary articles containing, instead of the formula "Sold by all chemists and druggists," a line indicating only the multiple shops collectively or actually mentioning some by name. In further discussion it was pointed out that the P.A.T.A. might fix a retail price where no such price was given by the manufacturers.—The third general meeting of the Federation of Lancashire Pharmaceutical Associations was held at Liverpool on October 22. At the outset the President of the Liverpool Chemists' Association (Mr. D. H. Evans) welcomed the delegates. The President (Mr. F. W. Bates, J.P.) occupied the chair, and there were present Mr. A. Peake, J.P., Mr. J. W. Deakin, J.P. (Vice-Presidents), Mr. J. Keall and Mr. L. Moreton Parry (members of the Pharmaceutical Council), and delegates from Blackburn, Bolton, Carlisle, Cheshire County, Chester City, Cumberland and Westmorland, Lancashire County, Liverpool, Manchester, Preston, Salford, Southport, Wallasey, and Warrington. Forty-one delegates signed the roll. The Treasurer's statement showed a balance in hand of about £61. The report of the Executive Committee showed that practically all the Associations of the four counties had joined the Federation. The President remarked that that meeting would probably be the last meeting of the Federation as at present constituted, as the Local Associations Executive had drafted a scheme of federations for the whole country. The North-Western (No. 5) area embraced Cheshire, Cumberland, Lancashire, and Westmorland, and covered the same ground as the

Lancashire Federation. The proposed scheme was almost identical with the present one, the chief differences being in the number of delegates, the amount of the levy, and the appointment of a secretary. He expressed the opinion of the executive that it would not be advisable to elect officers for 1920, but that the present executive should carry on until the new Federation was in being. It was resolved that the title of the Federation should be changed to the North-Western Federation. The new scheme was considered, and it was resolved that the proportion of delegates should be one to every twenty members of associations, instead of one to every fifty, as proposed in the new scheme. After three years' experience, the Lancashire Federation considered that the proportion of delegates should be one to every twelve. By this means the smaller associations secured a representation of at least two delegates. The question of the amount of the levy was remitted to associations for discussion, and Mr. J. Keall then gave an interesting address on current topics. The meeting afterwards adjourned, and the Liverpool Association invited the delegates to tea. Mr. J. W. Deakin addressed the meeting on resuming, and thanked the Federation for its support of his candidature at the L.A.E. election. Mr. J. H. Nidd also expressed his thanks, and Mr. L. Moreton Parry spoke of the generous response by Lancashire to his appeal on behalf of the War Auxiliary Benevolent Fund.

**Sheffield.**—A Council-meeting of the Sheffield Pharmaceutical Students' Association was held on October 24, Mr. I. Best (President) in the chair. The Chairman reported that negotiations regarding affiliation with the Sheffield Pharmaceutical and Chemical Society had been broken off in consequence of that Society being unwilling to agree to the retention of the name "Pharmaceutical Students' Association." If the Sheffield Pharmaceutical and Chemical Society would change its opinion the Students' Association are quite ready to affiliate. He wished it to be understood, however, that nothing but friendly relations would be harboured with the senior organisation. It was decided to arrange a Students' Dance early next month for the benefit of the Magazine Fund. The President reported that a lantern lecture had been arranged for next month, which would be given by Mr. J. Austen, Ph.C., entitled "Poisonous Wild Plants of Great Britain." Replying to a question regarding the proposed day classes, the President stated that he had heard nothing further from Mr. E. Preston, Ph.C. (President of the Pharmaceutical and Chemical Society). A letter from Miss K. Newsholme (Vice-President) was read, tendering her resignation as Vice-President. A vote of thanks was accorded Miss Newsholme for her past services. Mr. J. E. Billington and Miss E. Morris were then unanimously elected as Vice-Presidents. Mr. J. Glover, Mr. J. E. C. Goodrich, and Miss H. G. Medley were elected to the Council. Intending members should note that the Secretary's address is 271A Derbyshire Lane, Woodseats.

**Stoke-on-Trent.**—The annual meeting of the North Staffs Chemists' Association was held on October 23, at which Mr. Hodgson Todd (Vice-President) presided. Mr. T. Bentley (Secretary) read his report, and stated that he had received an additional subscription of 5/- for the War Auxiliary Benevolent Fund. The Ministry of Health had appointed Mr. J. A. Dale (Stoke) to represent pharmacy on the Stoke Insurance Committee in place of the late Mr. Edmund Jones. Mr. Challinor (Treasurer) reported that he had narrowly escaped showing an adverse balance. According to seniority Mr. Hankinson (Uttoxeter) should have been elected President, but he was unable to accept office, and Mr. Ernest Mellor (Uttoxeter) was elected. Messrs. Bloor and Bentley were elected Vice-Presidents. Mr. E. Corner (Hanley) was appointed Assistant Secretary to Mr. Bentley. Messrs. Hodgson Todd, Farmer, and Tipper were elected to the Executive Committee. After a discussion on Insurance dispensing terms it was resolved: That this Association respectfully urges upon the Local Association Executive Committee the necessity for an increased dispensing fee of at least 50 per cent. on all N.H.I. prescriptions, having regard to the enormously

increased cost of living and consequent establishment charges. Mr. Dale (Stoke), who is a member of the Anti-profiteering Committee, gave a lucid explanation as to how the Committee went to work. Mr. Mellor said that the Association ought to take some action to prevent charges being made against members. Mr. Corner suggested that the Association adopt the minimum retail-price list, which showed a fair profit and had been adopted by about 140 Chemists' Associations. This latter fact would carry weight with the Profiteering Committee if their charges should be questioned. After some discussion it was resolved to recommend members to adopt this price-list. It was arranged that the annual dinner be held in January.

**Thames Valley.**—The annual meeting of the Thames Valley Pharmacists' Association was held on October 29; the President (Mr. F. Cherry, Walton-on-Thames) was in the chair. A letter from the Surrey County Association was read, stating that they had decided that the Thames Valley Association should be divided, separating from it Richmond, Barnes, and Mortlake. The question of division had been fully discussed at a meeting in 1914, when it was resolved that splitting the association would be detrimental to the craft. It was decided to inform the Surrey County Association that it was not expedient for any division to take place. A communication was received from the Dublin Retail Drug Association respecting the profit on various proprietary articles, and a letter is to be sent to the various manufacturers concerned, including Allen & Hanburys, Ltd., with regard to the retail prices of some of their proprietary articles which did not bear, in the opinion of the members, an adequate profit. The annual report was presented by the Secretary and the financial statement by the Treasurer, which showed a satisfactory balance in hand. The committee was re-elected, Mr. Goode (Twickenham) being added to it. Mr. H. E. Clement (Hampton Hill) and Mr. W. M. Tims (Cobham) reported on Insurance matters. Mr. Tims remarked that the amount of Insurance dispensing done in the county of Surrey was small in comparison with other areas, two chemists only doing Insurance work of any magnitude. The Early Closing Bill was discussed, and it was considered to be a very advantageous measure for chemists. The sum of one guinea was voted to the funds of the Early Closing Association. A discussion took place on the Profiteering Act, which was explained by Mr. A. Higgs, J.P. (Kingston-on-Thames). As some members had already had complaints lodged against them, it was thought that a representative of the association should attend to conduct the case on their behalf, and Mr. Higgs was appointed. Mr. Higgs was also nominated as a candidate for the forthcoming Proprietary Articles Trade Association Council election. The following officers were elected: President, Mr. F. J. Plomley (Kingston-on-Thames); Vice-Presidents, Messrs. C. Cherry (Walton-on-Thames) and W. M. Tims (Cobham); Treasurer, Mr. A. Higgs, J.P. (Kingston-on-Thames); Auditor, Mr. C. J. Palmer (Twickenham); Secretary, Mr. W. H. Peake (Twickenham).

**Walthamstow.**—A meeting of Walthamstow pharmacists was held on October 15; Mr. A. S. B. Chapman in the chair, to discuss the advisability of forming a local Association. All pharmacists present were in favour of the idea, and a Committee was appointed, consisting of Messrs. Chapman, Gaze, Fromow, Swanston, with Mr. E. Willcocks as Temporary Secretary, to draw up a code of rules. These were submitted to a meeting held on October 23, when it was decided to call the Association "The Walthamstow Pharmaceutical Association"; membership to be open to all pharmacists practising in Walthamstow, subscriptions to be 10s. 6d. per annum, and assistants and apprentices to be admitted as Associates at a subscription of 2s. 6d. per annum. The following officers were elected: Mr. A. M. Brown, President; Mr. G. F. Deeth, Vice-President; Mr. W. E. Swanston, Hon. Secretary and Treasurer; Mr. J. O. McGlinchy, Auditor. The meeting then accorded a vote of thanks to Messrs. Chapman and Deeth, the prime movers in what is hoped will be an energetic Association.

## Bankruptcy Report.

**Re John Joseph Laws**, 14 Greyhound Lane, Streatham Common, Surrey, chemist and druggist.—This debtor applied at the Court House, Garratt Lane, Wandsworth, on October 20, for his discharge from bankruptcy. The Official Receiver reported that the receiving order and order of adjudication were made on October 24, 1898, on debtor's own petition. The first meeting of creditors was held on November 9, 1898, the Official Receiver remaining trustee of the estate. The public examination was concluded on December 8, 1898. According to debtor's statement of affairs (submitted on October 31, 1898), the liabilities to rank for dividend were estimated at 256l. 2s. 5d., and the proofs actually admitted amounted to 258l. 1s. 10d. The assets, so far as they were not assigned to creditors wholly or partly secured, were estimated to produce 163l. 7s. 11d., but they had realised 120l. 8s. 10d. The preferential and other claims payable in full were 42l. 9s. 7d. A first and final dividend of 3s. 9d. in the pound was paid on proofs for 243l. 2s. 6d. The debtor attributed his position to want of capital, bad trade, and competition. If the debtor's statements as to his turnover were true, the business must have been worthless when he bought it. He denied all knowledge of his position until three weeks before he filed his petition, but, as he had been living upon borrowed money for nearly three years before the receiving order, the Official Receiver could not accept the said denial. The books of the debtor were so imperfectly kept that it was impossible to ascertain from them what results his trading showed or what his financial position was at any time. Upon these facts the Official Receiver submitted that the debtor's assets were not of a value equal to 10s. in the pound on the amount of his unsecured liabilities; that the debtor had omitted to keep such books of account as were usual and proper in the business carried on by him, and as sufficiently disclosed his business transactions and financial position within the three years immediately preceding his failure; and that he had continued to trade after knowing himself to be involved. The Judge granted the discharge on consent to a judgment for 10l., execution stayed so long as 2l. 10s. a quarter be paid.

## Business Changes.

**Mr. C. CUTCLIFFE**, chemist and druggist, has purchased the Lancing branch business of Mr. W. Aston, Ph.C., Worthing.

**Mr. J. DAVIES**, chemist and druggist, has acquired the business of Mr. H. R. Freeman, chemist and druggist, 100 Dalling Road, London, W. 6, who is retiring after a successful business career extending over forty years.

**Mr. F. G. WELLS**, chemist and druggist (late manager to Lewis & Burrows, Ltd., at their High Street, Clapham, branch), has purchased the business of Mr. E. Matthew, Ph.C., at 80 Bridge Road, Battersea, London, S.W. 11.

**Mr. GEORGE H. BROADBENT**, chemist and druggist, late of Bradford, has taken over the business known as Crowther's Drug-store, Grassington. In consequence of his removal, Mr. Broadbent has resigned from the Bradford Pharmacists' Association.

The business of Stedman & Co., chemists, Weymouth, carried on recently by Mr. F. Hudson Cox, has been disposed of to Mr. F. G. Howard, chemist and druggist, King Street, and Mr. H. Bullock (W. T. Cole & Son, Ltd., St. Mary Street), who will run the shop on up-to-date lines.

**Mr. JOHN PARROTT**, chemist and druggist, a past-President of the Thames Valley Pharmacists' Association, has disposed of his business at Friar's Stile Road, Richmond, Surrey, to Mr. W. Morrell, chemist and druggist, Kew Gardens and Richmond, and his branch business at 84 Sheen Road, Richmond, to his manager, Mr. A. W. Poole, chemist and druggist, who has been in charge for the past nine years. Mr. Parrott, who suffered a twofold bereavement last year, has retired, and has purchased a house in Richmond.

## Insurance Act Dispensing.

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Reports from Local Centres.

#### ENGLAND.

**Essex.**—The Insurance Committee held the quarterly meeting on October 28, Mr. J. H. Burrows (Chairman) presiding. The Finance Sub-Committee reported that the following sums had been paid for the quarter ended September 30: To practitioners for dispensing in rural areas, 8997. 6s.; to chemists, 4,381. 3s. 4d.; and for drugs supplied through the Sanatorium Benefit Fund, 841. 7s. 6d. The action of the Committee was approved. It was reported that the names of five persons had been added to the list of persons supplying drugs and appliances, and three withdrawn. A letter was received from the Pharmaceutical Committee intimating that Mr. S. G. Tydeman had been appointed Secretary of the Committee (*C. & D.*, August 23, p. 46). The Medical Benefit Sub-Committee submitted the following statistics:

First Six Months	Prescriptions Dispensed	Total Cost £	Average Cost per Prescription s. d.
1917	343,596	8,976 15 6	6·27
1918	334,282	10,253 19 19	7·36
1919	347,692	11,551 2 2	7·93

The Sub-Committee also reported that the Pricing Committee had called attention to errors made by certain chemists in sending scripts. The Committee had directed the Clerk to communicate with the Pharmaceutical Committee on the matter. The action of the Committee was approved. Mr. S. H. Payne, who brought up the report of the Finance Sub-Committee, announced that the Ministry of Health had stated that careful consideration was given by the Insurance Commissioners to the cost of pricing prescriptions, and it had decided that the increased cost of pricing prescriptions, due to the present abnormal conditions, did not, in itself, justify a modification of the normal pricing grants, but the excess should be met, where necessary, out of the special Exchequer grant towards meeting deficiencies due to war conditions. The Sub-Committee had again directed the Clerk to communicate with the Ministry of Health, inasmuch as the Insurance Commissioners in 1915 intimated that they had decided to take steps with a view to making available to Committees such sum as would fairly represent the additional cost imposed by the new system of pricing prescriptions. The Committee concurred in this action.

**Kent.**—At a meeting of the Insurance Committee, held on October 22, the Pharmaceutical Service Sub-Committee reported details of a complaint, by an insured person, against a chemist, alleging delay in making up a prescription. The Sub-Committee recommended that the chemist be informed that the dispensing of prescriptions should not be delayed on account of non-payment of the deposit for a bottle unless such deposit was specially asked for when the prescription was left; that the Committee took a serious view of the case, and that he be censured. The report was confirmed.

**London.**—At the meeting of the Insurance Committee, held on October 23, the report of the Medical Benefit Sub-Committee on the present adequacy of arrangements for the provision of urgent medicines, after hours, was passed without comment. With regard to the recommendation of the Sub-Committee that a vote of thanks be awarded to a company of chemists (Pritchard & Constance, Ltd., Haymarket, S.W.), with permission to resign from the panel after providing medicines gratuitously during the war to panel patients (*C. & D.*, October 25, p. 77), Mr. L. N. Bowden remarked that the refusal of the company to send in an account simply meant the "Floating sixpence" would be swollen, and the whole of the money would go to the doctors. He was sure the latter would be too proud to receive money in that way, and he moved that Messrs. Pritchard & Constance should be asked to submit an account and dispose

of the money for the benefit of the insured person if they so desired. Mr. Coysy said he thought it would be very ungracious to ask the company to submit an account if they preferred not to do so. They had done a nice action in a very nice way, and he appealed to his friends not to press the amendment. Several members took up the discussion, and urged that Messrs. Pritchard & Constance intended the public to benefit by their generous action. One member of the Committee remarked that both members of the company had served during the whole of the war. Another member thought the company might like to give the money to a hospital. Eventually it was agreed that the amendment should be withdrawn, and the matter referred back to the Sub-Committee with a view to Messrs. Pritchard & Constance having the position explained to them.

#### October Drug Tariff.

The following are the alterations for October in the drug tariff for England and Wales issued by the Ministry of Health:

**Lower:** Atrop. sulph., 3s. 4d. gram.; bals. peruv., 2s. oz.; barbitonum 3s. 6d. oz.; creosot. carb., 4s. 3d. oz.; ext. casc. sagr. liq., 4s. 6d. lb.; ext. opii sicc., 4s. 9d. oz.; lim. opii meth., 6s. 3d. lb.; liq. calcis sicc., 9s. 3d. lb.; liq. opii sed. B.P.C., 10s. 6d. lb.; methyl sulphonal, 9s. oz.; morph. acet., 3s. 9d. dr.; morph. hydrochl., 22s. oz.; naphthol, 9s. 3d. oz.; ol. caputum, 9s. 3d. oz.; opium pulv., 2s. 6d. oz.; phenazon., 3s. oz.; pil. ipecac. c. scill. gr. iv, 1.54d. per doz.; pil. quin. sulph., gr. i. 2.17d. per doz.; ditto, gr. ii. 3.46d. per doz.; pot. permang., 5s. 8d. lb.; pulv. creta o. opio, 5s. 3d. lb.; pulv. ipecac. co., 10s. 6d. lb.; quin. sulph., 3s. 7d. oz.; sodii benz., 9d. oz.; sodii et pot. tart., 1s. 8d. lb.; sulphonal, 7s. 8d. oz.; suppos. glycerini 30m., 8s. 3d. per doz.; ditto 60m., 11d. per doz.; tr. camph. co. 5s. 1b.; tr. gelsemii, 6s. 2d. lb.; tr. opii, 6s. 4d. lb.; ung. gallæ c. opio, 8s. 2d. lb.; wool, sal-alembroth, 30.00d. per lb.

**Higher:** Acid. salicylic., 3s. 6d. lb.; argent. nit., 4s. 9d. oz.; argent. nit. indur., 4s. 11d. oz.; argent. nit. mitigat., 3s. 9d. oz.; argent. nucleinas, 5s. 3d. oz.; agent. proteinat., 2s. 3d. oz.; chloroform camph. B.P.C., 19s. 1b.; dec. senegae (ex conc.), 8s. 6d. lb.; ext. cannab. ind., 18s. 3d. oz.; ext. coloc. co., 11s. lb.; ext. mali., 1s. 2d. lb.; ext. mali. c. ol. morrh. B.P.C., 1s. 5d. lb.; inf. rhei (ex conc.), 8s. 6d. lb.; inf. senegae (ex conc.), 3s. 6d. lb.; lin. aconit. meth., 4s. 1b.; lin. camph. am. meth., 6s. 2d. lb.; lin. chlorof., 7s. 2d. lb.; lin. hydrarg., 7s. 10d. lb.; lin. sap. meth., 2s. 10d. lb.; lin. tereb. acet., 5s. 6d. lb.; liq. formaldehyd., 2s. 1d. lb.; ol. caryoph., 22s. 9d. lb.; ol. olive (sublime), 25s. gal.; pil. calocyn. co., gr. iv, 1.25d. per doz.; pil. digitalis co., B.P.C., 117d. per doz.; pil. plumbi c. opio, gr. iv, 1.83d. per doz.; pil. podoph. co., B.P.C., 1.53d. per doz.; plumbi acet., 2s. 2d. lb.; pulv. rhei co., 7s. 8d. lb.; quin. hydrochl., 6s. oz.; quin. hydrochl. acid., 6s. 6d. oz.; sapo nollis, 3s. 2d. lb.; sennæ folia, 1s. 10d. lb.; syr. ferri phosph. co., B.P.C., 1s. 5d. lb.; syr. rhei, 2s. 3d. lb.; tab. phenacetin., gr. v, 3.54d. per doz.; tab. phenacetin. co., B.P.C., 3.81d. per doz.; tab. santonin. gr. i, 12.9 d. per doz.; tab. santonin. co., B.P.C., 13.14d. per doz.; terebinth., 7s. 9d. lb.; tr. cannab. ind., 24s. 1b.; tr. cardam. co., 4s. 2d. lb.; tr. iodi mit., 8s. 2d. lb.; tr. quin. ammon., 5s. 8d. lb.; tr. rhei co., 4s. 9d. 1b.; ung. acid. boric., B.P.C., 2s. 1b.; ung. byd. ammon., 4s. 3d. 1b.; ung. hyd. am. dil., B.P.C., 3s. 10d. lb.; ung. sulphuris, 6s. 8d. lb.; ung. zinci, 3s. 4d. lb.; vinum ipecac., 6s. 2d. lb. Bandages: muslin, 5s. 4.21d.; flannel, 2s. in., 20.75d., 3 in., 2s. 9d. Lint, unmediated, 48.00d. per lb.

#### SCOTLAND.

**Dundee.**—At a meeting of the Insurance Committee, held on October 22, the clerk announced that nearly 100,000 prescriptions have been issued this year by panel doctors at a cost of between 5,000*l.* and 5,500*l.* For eight months the prescriptions numbered 63,918, as compared with 93,376 for the corresponding period of last year.

THE Board of Trade is this week leaving Whitehall Gardens for their new offices in Great George Street. The President, Parliamentary Secretary, Permanent Secretaries, the Commercial Relations and Treaties Department, the Industries and Manufactures Department, the Power Transport and Economic Department, the Marine Department, the Legal Department, the Secretariat of the Board of Trade Council, the Board of Trade Journal, and the Establishment Department will form the nucleus that is being transferred now, and more departments will follow as further accommodation becomes available.

## Festivities.

### Whist-drive at Southampton.

THE Southampton Pharmacists' Association have inaugurated a series of whist-drives, the first of which was held recently. The prizes were distributed by Mrs. Jewell, and the President (Mr. H. Jewell) was presented with a framed photograph of those who attended the summer outing in the New Forest (*C. & D.*, July 19, p. 66).

### Drug Union's Whist-drive.

A WHIST-DRIVE was held at Slater's Restaurant, Baltic House, Leadenhall Street, London, on October 23, by the London branches of the Amalgamated Society of Pharmacists, Drug and Chemical Workers. During the interval for refreshments, brief addresses were delivered by Mr. Herbert Skinner (President) and Mr. E. N. Lloyd (General Secretary). At the close of play Mrs. Skinner presented the prizes, and a vote of thanks was accorded to Miss Bridges for so ably making the arrangements.

### Leicester Assistants' Whist-drive.

A SUCCESSFUL whist drive was held by the Leicester branch of the National Association of Chemists' Assistants on October 22, at which one hundred assistants and friends took part. The prizes were offered by various members of the Association, and the following were the winners: Ladies—1st, Mrs. Ball; 2nd, Mrs. Reeve; 3rd, Miss Mills; consolation, Miss Westhead. Gentlemen—1st, Mr. Shaw; 2nd, Mr. Judge; 3rd, Mr. Hancock; consolation, Mr. Church. This was the first of a series of social functions to be arranged by the Leicester assistants.

### Hewlett's Social Evening.

THE staff of C. J. Hewlett & Son, Ltd., Charlotte Street, London, E.C., held their annual social evening on October 25, at Ye Olde Mitre Tavern, Chancery Lane, W.C. Over seventy members sat down to dinner, the chair being occupied by Mr. E. J. Millard, F.C.S. (Managing Director), and Mr. Vivian C. Hewlett, Ph.C., was Vice-Chairman. The loyal toast having been duly honoured, Mr. F. J. Gibbons, office manager, proposed the toast of the health of the directors. Mr. Millard, in replying, read a message he had received from Mr. John C. Hewlett, F.C.S., regretting his absence and trusting they would have a very enjoyable evening. He added that the directors attached great importance to these social functions, which did so much to promote good feeling. Mr. Vivian Hewlett also responded. A concert followed and an excellent programme was provided. During the evening the toast of "The Ladies" was proposed by Mr. P. F. Wilton, one of the town travellers, in a witty speech, and Miss Fautley, forewoman of the packed goods department, replied. Mr. V. C. Hewlett proposed a vote of thanks to the committee who made the arrangements, which the secretary, Mr. A. J. Upton, acknowledged. The singing of "Auld Lang Syne" and "God Save the King" brought a very successful evening to a close.

### West London Pharmacists' Reunion.

THE reunion which marked the opening of the session of the Western Pharmacists' Association of London was held at Pinoli's Restaurant on October 23. There was, as usual, a large and happy gathering, comprising most of the principal members of the Association and their friends. The company were received by President H. S. Watson and Mrs. Watson, and about ninety were present in all. The arrangements were in the capable hands and under the genial direction of Messrs. W. Browne, B. R. Wilkinson, and Harry Martin. Among many others present were Mr. A. R. Melhuish (Councillor of the Pharmaceutical Society), Mrs. Edmund White and her son, Mr. and Mrs. A. E. Arrowsmith, Mr. and Mrs. C. T. Allen, Mr. and Mrs. C. A. Noble, Mr. and Mrs. A. Cow, Messrs. J. Royle, R. H. Brittain, E. H. Brittain, H. R. Procter, Duncan Bowie,

and Sidney Jameson. The whist was preceded by an excellent supper, and throughout the whole evening the entire gathering seemed to be on the best terms with one another. As a result of the play the first prize for ladies was won by Mrs. Forbes, the second by Miss Mead, while the consolation prize was given to Mr. Sturton, who was playing lady. Among the gentlemen the successful prize-winners were Mr. Healey (first), Mr. Bell (second), and Mr. Ross (consolation prize). Before the gathering dispersed, Mrs. Watson presented to Mr. Feltwell the bowling cup given to the best bowler during the season by Mr. Shirreff. A presentation was also made to Mr. W. Wilkinson, who came second, in appreciation of his efforts on behalf of bowling generally. Thereafter a vote of thanks was passed by acclamation to the President, on the suggestion of Mr. J. T. Barrett. Both Mr. Barrett and Mr. Watson made strong appeals to the members to attend the meetings of the Association regularly throughout the session.

### New Capital Issue of the German Aniline Ring.

THE companies forming the German aniline ring (with the sole exception of Kalle & Co., whose shares are held principally by the Hochst Dye Works) have decided to double their share capital by issuing new shares to the shareholders at 107 per cent. per share, as was the case at the last issue of new shares in 1917. Further, 40 per cent. of the new shares issued by each participating firm will be issued as  $3\frac{1}{2}$  per cent. preferential shares, each carrying two votes; these shares will be taken over by the other companies mutually, in order to prevent a controlling influence by foreigners should a large proportion of the share capital pass into foreign owners' hands. This increase in the share capital to double its present amount is actuated by the proposed further extension of the Badische Anilin Factory's plant for the utilisation of nitrogen at Oppau and Merseburg, which will require several hundred million marks. The plants are to be so enlarged as to enable them to effect an annual supply of about 300,000 tons of nitrogen, and thus fully meet all the home requirements for agriculture and chemical industry. The present and future share capital of the members of the concern show the following figures:

	Present Share Capital.	Future Share Capital.	Present Capital.	Present Shares.	Future Shares.	Present on Berlin Ex. hange.	Future on Berlin Ex. hange.
Badische Anilin Fabrik...	90	180	72	490	90	490	per cent.
Farbenfabriken Bayer ...	90	180	72	390	90	390	"
Höchst Dye Works ...	90	180	72	385	90	385	"
Cassella & Co. ...	45	90	36	—	45	—	
Akt. Ges. für Anilin Fabr.;	33	66	26.4	316	33	316	"
Griesheim Chem. Works (Elektron) ...	25	50	20	286	25	286	"
Weiler ter Meer Chem. Works ...	10.4	20.8	8.32	240	10.4	240	"

The Höchst Dye Works, which paid a dividend of 12 per cent. for last year, hope this year to distribute a moderate dividend, possibly by drawing on accumulated profits placed in reserve. The Vereinigte Chemische Werke in Charlottenburg are paying out a dividend of 20 per cent.

NASAL HYGIENE.—Writing to "The Morning Post" of October 20 Dr. Octavia Lewin suggests, by implication that popular conceptions of nasal hygiene need revision. "Spraying and douching tend to send the germs into the recesses of the sinuses and sniffing tends to pack them away into some of the many inaccessible regions. Sneezing freely and blowing with the nostrils open are the only safe ways of clearing the nose. If the front doors are shut the only escape is through the back doors, or into the cupboards. The importance of nasal hygiene cannot be overestimated, as the nose is the chief and only permanently open portal for the entry of outside air."

## Trade Report.

42 Cannon Street, E.C. 4, Oct. 30.

ALTHOUGH the tendency of values generally is still upwards, there are no distinct signs of an improvement in the volume of business, and there are no particularly outstanding alterations in values. Quinine continues a puzzle and the shortage acute, with the result that American makers have raised their prices this week. Bromides are likely to be easier when the German parcels materialise; meanwhile the salts are scarce with previous rates maintained. Cocaine is in good demand. Resorcin is dearer and hexamine is firmer; gallic, tannic, and pyrogallic acids have a rising tendency, as makers have now to work with higher-priced galls. Benzonaphthol, methyl sulphonate, sulphonate, metol, and phenolphthalein are cheaper to buy. Acetic acid is easier owing to more ample supplies and the more generous granting of import licences. Formaldehyde is firmer owing to scarcity. Japanese camphor and menthol have advanced further. Saccharin is rather higher, with a better demand. Among drugs the scarcity of American botanicals is shown by further advances on the other side, in mandrake, golden seal, senega, euonymus, and stramonium. Caraway-seed is lower, canary firmer, anise and dill being steady. Lemon oil has sold freely to arrive at sharply rising prices, due to active Sicilian markets; sweet orange and clove oil are also dearer.

Higher	Firmer	Easier	Lower
Bleaching powder	Aniline salt	Acetic acid	Benzonaphthol
Camphor (J.p. ref.)	Albumen	Anise oil, star	Calc. lactophosph
Clove oil	Cloves (Zan.)	Oxalic acid	Caraway-seed
Lactic acid	Canary-seed	Pepper, white	Linseed oil
Lemon oil	Cream of tartar		Methyl sulphonate
Menthol	Formaldehyde		Metol and metol substitute
Nutmegs	Hexamine		Phenolphthalein
Orange oil	Quicksilver		Sulphonate
Resorcin			
Palm oil			
Saccharin			
Soda prussiate			
Vermilion			
Wax veget. (J.p.)			

### Cablegram.

NEW YORK, October 29.—Business is fair. Quinine makers have advanced their price of sulphate to 90c. per oz. Mandrake (*podophyllum*) root has advanced to 25c., hydrastis (golden seal) to \$6.00, senega to \$1.70, wahoo (*euonymus*) bark of root to 65c., stramonium-leaves to 32c., buchu to \$2.15, and vanillin to 75c. per oz. Antipyrin is lower at \$4.75 per lb.

ACETANILIDE is firm in view of the recent advance in aniline oil; from 2s. 9d. to 3s. is quoted on the spot.

ACETIC ACID.—Owing to the larger arrivals which have lately taken place recently, prices are rather easier. Glacial 98 to 99 per cent. is 82*l.* to 82*l.* 10*s.* per ton in casks; 80 per cent. pure, 63*l.* in casks.

ALBUMEN is firmer, with spot sales of prime egg at 5s. 2*d.* to 5s. 2*1*/*2**d.*, and to arrive sellers of October-December shipment quote 5s. 4*d.* c.i.f. Duck for September-October shipment is 4s. 10*1*/*2**d.* c.i.f.

ANILINE SALT is scarce for prompt delivery, and the price of English make of finest quality is firmer at 1s. 5*1*/*2**d.* per lb. for prompt delivery in kegs.

ANISE is steady at 80*s.* per cwt. for Russian, but there is no Spanish available at present.

ANISE OIL, STAR, is quiet, with spot sales of "Red Ship" brand at 5s. 4*1*/*2**d.* per lb.

ARSENIC has displayed some firmness at about 60*t.* per ton for best white Cornish powder. This is not so much due to the amount of new buying as to the comparatively small offers. Mail advices from Australia

state that operations at a new mine in Queensland were initiated recently, but the product will, it is anticipated, be chiefly devoted at first to local State requirements. An embargo was recently enforced by the Commonwealth authorities on the imports of sheep-dip.

ASPIRIN.—Although English makers continue to ask 4s. 6*d.* per lb. in ton lots, there are cheaper second-hand sellers, who appear to be cutting prices somewhat unnecessarily.

BELLADONNA-LEAVES.—Dutch, for immediate shipment, are offered at 1s. 9*d.* per lb. c.i.f. and Slovakin (formerly Hungarian), in quantity, at 1s. 4*d.* per lb. c.i.f.

BENZONAPHTHOL is about 2s. per lb. cheaper, importers offering at from 20*s.* to 21*s.* per lb. as to quantity.

BLEACHING-POWDER.—With an improved demand prices are higher both for home and export; 17*s.* per ton in casks is quoted.

BROMIDES are still scarce, and although offers are obtainable from the American makers, it is difficult to effect shipment on account of labour troubles. There is considerable talk about German bromides, and offers are being made from former connections and through Holland, but it is doubtful if business materialises except on a small scale. The official import-list shows small arrivals *via* Holland, and a report is current that 10 tons have arrived from Germany, but this we cannot confirm. Prices of bromides should be easier, however, when supplies are received. Meanwhile there is no change, potash offering at 4s. 3*d.* for crystals and 4s. for granular; soda is 2s. 10*d.* to 3s., and ammon. is 3s.

CADMUIM.—There has been more doing lately, but prices are much the same as for a few months past, ranging from 6s. 6*d.* to 7s. per lb.

CALAMUS-ROOT.—Natural is quoted at 76*s.* per cwt. c.i.f.

CALCIUM LACTOPHOSPH. is offered at the cheaper rate of 12*s.* 6*d.* per lb. c.i.f. to arrive.

CAMPHOR (REFINED).—Japanese 2*1*/*2*-lb. slabs show an advance aggregating 6*d.* per lb., with spot sales at from 17*s.* to 17*s.* 6*d.* per lb. and sellers. For November shipment a small parcel of Japanese refined ( $\frac{1}{2}$ -oz. cubes) is offered at 16*s.* per lb. c.i.f. During the seven months ending July 31 the exports from Japan have been as under:

	1917	1918	1919
To			
British India	562,896	294,887	37,819
Great Britain	46,583	321,171	96,768
France	66,618	23,965	55,981
United States	1,210,514	431,079	1,034,280
Australia	36,807	71,826	1,717
Other Countries	81,612	130,469	47,598
Kin	2,005,030	1,273,397	1,214,163
Yen	3,409,110	2,568,355	3,847,869

CANARY-SEED is firmer at 175*s.* to 177*s.* 6*d.* per quarter for fair to good Morocco.

CARAWAY-SEED is rather lower at 52*s.* 6*d.* per cwt. for fair Dutch on the spot.

CASSIA OIL is firm with spot sales of 80 to 85 per cent. c.a. at from 8s. 6*d.* to 8s. 9*d.* per lb.

CHAMOMILES are steady, new Belgian selling at 195*s.* for good white.

CINCHONA.—At the Amsterdam auction on November 6 590 cases Java pharmaceutical bark, weighing 33,858 kilos. Succirubra, will be offered, of which 5,610 kilos. is root bark. The quinine-sulphate content is 882 kilos.

CLOVE OIL has advanced a further 2*s.* per lb., English distillers asking 20*s.*

CLOVES.—Zanzibar are firmer, with spot sales of fair at from 2s. 3*1*/*2**d.* to 2s. 4*d.* Buyers only enter the market for their urgent wants at these high prices. The London stock on October 27 was 10,099 bales, against 9,718 bales at the corresponding period of 1918, when the price was 2s. 7*d.* Supplies of Penang are now quite small, fair sales having lately been made.

COCAINE.—Hydrochloride still continues in good demand, but the available supplies are limited.

COCA-LEAVES.—The 759 bales and 100 cases Java to be offered at Amsterdam on November 6 weigh 49,520 kilos., with a total alkaloidal weight of 657 kilos.; the average percentage is 1.33.

**COD-LIVER OIL.**—Our Bergen correspondent writes on October 20 that there is a continued good demand for finest non-congealing medicinal oil at about 45s. per barrel f.o.b. Bergen. The total exports to the end of September amount to 25,500 barrels. London agents quote 47s. per barrel c.i.f. to arrive, and 49s. on the spot.

**COLCHICUM-ROOT** is offered at 2s. 5d. per lb. c.i.f. to arrive.

**COPPER SULPHATE.**—There is no improvement in prices. In fact, the heavy fall in metallic copper lately tended to keep prices down, while the market is still somewhat affected by keen competition. Orders can still be arranged at 40s. per ton f.o.b. Liverpool in casks, less 5 per cent. The export trade has remained disappointing for some months past, but there now seems some improvement in the inquiries coming forward. The fact that exchange facilities with Rumania have been restored in some degree may possibly bring along orders from that quarter. Rumania under normal conditions takes fair quantities.

**CORIANDER-SEED** is unchanged at 22s. 6d. per cwt. for fair Morocco.

**CREAM OF TARTAR** is steady at 260s. per cwt. for 99 to 100 per cent. powder.

**CUMIN-SEED** is slow of sale at 48s. to 50s. per cwt. for good sifted Morocco, and at 42s. 6d. to 45s. for common to ordinary.

**DILL-SEED** is steady at 19s. per cwt.

**EPSOM SALT** has been in good demand, both for home and export account. Druggists' quality is quoted at 17s. 15s. per ton in kegs.

**ERGOT** continues a difficult and uncertain market. Offers from Spain do not appear to materialise in business, and some Spanish exporters have defaulted their contracts. From Spain 18s. 3d. c.i.f. has been quoted this week.

**FARINA** is quiet and easier, No. 1 Japanese offering at 38s. to 38s. 6d. per cwt. on the spot, and October-December shipment at 37s. 6d. c.i.f. Sweet-potato flour is also easier at 32s. 6d. spot and 31s. c.i.f.

**FENNEL-SEED** is slow of sale at 36s. 6d. per cwt.

**FENUGREEK-SEED** is firm at 15s. to 15s. 6d. per cwt. for fair Morocco.

**FORMALDEHYDE** is scarce and firmer, sales of limited quantities having been made up to 165s. per cwt. for 40 per cent. in casks.

**HEMP-SEED.**—Supplies on the spot are small and insufficient for requirements.

**HEXAMINE** is firmer at from 5s. 10*1*<sub>2</sub>d. to 6s. per lb., at which business has been done.

**JUNIPER-BERRIES** are fairly plentiful on the spot, with good Italian offering at 37s. 6d. per cwt.

**JUNIPER-BERRY OIL**, of Slovakian origin, guaranteed B.P. or U.S.P. quality, is offered at 16s. to 17s. per lb. c.i.f. in barrels, the latter for double rectified.

**LACTIC ACID** is dearer by about 7*1*<sub>2</sub> per ton at 75*1*<sub>2</sub> in barrels for technical 50 per cent. on the spot.

**LEMON OIL** is much dearer, and a good business has been done at advancing prices, showing some irregularity. Business to arrive has been done at 5s. to 6s. to 7s. c.i.f., and on Wednesday up to 8s. 6d. c.i.f. was quoted. Spot can be had at 6s. The advance appears to be based on the demand in Sicily, where stocks are in strong hands.

**LINSEED** is steady at 47s. 6d. per cwt. for good quality.

**LYCOPODIUM** is steady at from 7s. 3d. to 7s. 6d. per lb. on the spot.

**MENTHOL** shows an advance of from 3s. to 4s. per lb., with spot sales of Kobayashi-Suzuki at from 46s. to 50s. During the seven months ending July 31 the exports from Japan have been as under :

To	1917	1918	1919
	Kin	Kin	Kin
Great Britain ...	6,089	11,543	5,112
Great Britain ...	17,211	103,79	34,715
United States ...	123,985	57,071	112,802
Other Countries ...	13,896	13,658	6,164
 Kin	 161,211	 186,011	 158,823
Yen ... ...	1,037,477	1,136,541	1,583,645

**METHYL SALICYLATE** is steady and in seasonable demand at from 3s. 6d. to 3s. 9d.

**METHYL-SULPHONAL** is again cheaper, importers offering at 7*1*<sub>2</sub> per lb. on the spot and 7*1*<sub>2</sub> to arrive.

**METOL** is cheaper, 100 per cent. offering at 42s. per lb., and metol substitute is also lower at 30s. per lb. on the spot.

**MINT OIL** has remained firm, with spot sellers of Japanese dementholised (Kobayashi-Suzuki) at from 10s. to 10s. 3d. per lb., closing at 10s.

**NAPHTHALINE.**—Both crude and refined have been in better demand. Flake is quoted at 21*1*<sub>2</sub>, marbles at 43*1*<sub>2</sub>, and tablets at 40*1*<sub>2</sub> per ton.

**NUTMEGS.**—Are scarce on spot, with only small lots of Penang and Singapore (80's) offering below 2s. per lb. West Indian are also very scarce.

**OPIUM.**—A Smyrna advice dated October 18 again reports "a very active market, with sales amounting to 105 cases of all grades of manufacturing material, ranging from 12s. to 17s. 6d. per lb. c.i.f. port of destination. We regret to say, however, that we are experiencing a serious dearth of rain this autumn in almost all our opium-producing districts, and coupled to this we have the Graeco-Turkish disturbances, which prevent peaceable growers from continuing or commencing their autumn sowings, which are the backbone of a plentiful and rich crop the following year. Under these conditions we cannot entertain any hopes of a lower market in the future; on the contrary, we may again return to the abnormally high prices which prevailed both here and on the consuming markets shortly before the Armistice. The exchange was slightly better. Cheque on London is now Ps. 340—per pound sterling and dollar cheques stand at \$1.25 per 1 Turkish paper pound. The arrivals to date are 782 cases of 160 lb. per case, against 18 at same date last year."

**OXALIC ACID** is easier, spot offering at 1s. 1d. per lb. in casks, and at 11*1*<sub>2</sub>d. for November delivery.

**PARALDEHYDE** is steady at from 6s. to 6s. 6d. in original cases.

**PEPPER** has been quiet, and the turn easier, with spot sales of *Black* Singapore at 11*1*<sub>2</sub>d. to 1s. per lb., October-December shipment at 10*1*<sub>2</sub>d. per lb. c.i.f. d.w., and buyers. *Lampung* for October-December shipment has been sold at 9*1*<sub>2</sub>d. c.i.f. and at 11d. on spot. *Tellicherry* has sellers at 1s. 2*1*<sub>2</sub>d. and *Aleppo* at 11*1*<sub>2</sub>d. on the spot. *White* is easier, with spot sales of *Muntok* at 1s. 6*1*<sub>2</sub>d.; to arrive *Muntok* for September-November shipment has been sold at 1s. 5*1*<sub>2</sub>d. on the spot, and September-November shipment is quoted at 1s. 4*1*<sub>2</sub>d. c.i.f. London.

**PHENACETIN** is selling at from 16s. 6d. to 17s. per lb. on the spot, with some dealers inclined to cut prices.

**PHENAZONE** is unchanged, small orders being executed at from 21s. to 21s. 6d.

**PHENOLPHTHALEIN** has again been reduced, importers offering at 15s. 6d. per lb. on the spot, and at 13s. c.i.f. to arrive.

**PIMENTO** is steady, with sales at 5*1*<sub>2</sub>d. per lb. on spot; the principal demand has been for export.

**QUICKSILVER.**—The steady gradual price-recovery has been productive of a good revival of activity, both for home and export, and the tendency seems very firm again this week at a range of from 17*1*<sub>2</sub> to 17*1*<sub>2</sub> 10s. per bottle. It is understood that India has again been inquiring for fair-sized quantities, and if this continues and imports are not abnormally heavy, stiffer terms may yet be enforced. There now seems to be some better idea in the trade as to the extent to which prices may fluctuate henceforth under the new economic conditions arising from the war. At any rate, the market, even given a renewed abstention of demand, would at the worst hardly fall below the lowest price recorded recently of 15*1*<sub>2</sub> 10s. per bottle. It is well to realise that the American production for the current year will probably be very low compared with what it was during the war period. According to the official returns for the first half of this year it had dropped to level, representing not even 13,000 flasks per annum. The recent fall in America was rather more marked than on this market. Between October 8 and October 22 the New York price dropped from

\$95 to \$80 per flask, but the market there since has presumably assumed a different aspect.

**QUININE.**—The position still remains unaltered. Chemists should not anticipate, however, low prices ruling for some very considerable time, and should consider the Sulphate Control Order as virtually defunct. The demand continues from all parts of the world, and distributors and speculators are clamouring for supplies. An arrival of 675 cases Java sulphate has taken place in Liverpool.

**RHUBARB.**—Arrivals from China include 32 cases, and it is anticipated that when recent purchases on arrival terms are available, prices will ease.

**SACCHARIN** is rather dearer and in better demand at 23s. per lb. in bond for 550 pure. The imports into the United Kingdom for September show a heavy decline as under :

	1917	1918	1919
	Oz.	Oz.	Oz.
September ... ...	55,632	304,000	36,444
January to September ...	378,930	1,921,723	1,097,999
Home consumption (nine months) ... ...	306,817	1,515,803	283,570
Re-exports (September) ...	—	4	98,018
(Jan.-Sept.) ...	3,652	44	558,140

**HELLAC** has been quiet throughout, with small sales of the usual standard TN Orange quality at from 46s. to 47s. per cwt. Fine orange is 49s. to 50s., cakey AC is 38s. to 38s., and GAL 35s. Futures have been slow, sales including December at 45s. 6d. to 45s.

**SODA CAUSTIC** has been in active demand for export, and, being very scarce, the price has hardened, 76 to 77 per cent. offering at 26s., and 70 to 72 per cent. at 24s. per ton.

**SODA HYPOSULPHITE** is firm and rather scarce on the spot, pea crystals offering at 25s. 10s. and commercial at 20s. per ton.

**SODA PRUSSIATE** is very scarce, and prices show a sharp advance to 11s. 6d. per lb. in casks.

**SCUILL** is steady, with fair white offering at from 6s. to 7s. per cwt.

**STRAMONIUM-LEAVES.**—Dutch-grown are offered at 1s. 8d. per lb. c.i.f., and Hungarian at 1s. 7d. c.i.f. to come forward.

**SULPHONAL** shows a substantial reduction, importers offering at 68s. per lb. on the spot, and at 64s. c.i.f. to arrive.

**TANNIC ACID** is firm in view of the very high prices asked for galls, from 9s. to 9s. 6d. being quoted for *levis*.

**TARTARIC ACID** is steady at from 3s. 3d. to 3s. 4d. per lb. on the spot.

**TURPENTINE** is dearer on the week by about 4s. per cwt., with a fair business, American on the spot closing at 12s. per cwt.

**VANILLIN** is in fair demand, the lowest price in second hands being 75s., makers quoting 80s. per lb.

**VERMILION.**—Owing to the rise in mercury, British makers have advanced their prices to 5s. 7d. to 5s. 8d. per lb. net, as to quantity.

**ZINC OXIDE.**—Under the import restrictions in force, there is presumably less difficulty experienced by manufacturers in finding an outlet for their high-grade product in the home trade. The recent substantial advance in the price of metallic zinc should eventually induce the establishment of better prices for zinc oxide. So far quotations show very little alteration at about 65s. to 80s. per ton, according to brand.

### German Drug and Chemical Market.

The market report, dated October 18, of a leading Hamburg wholesale house, begins with remarking that during the past four weeks business in the drug and chemical markets was extremely brisk. No change has occurred in the general situation, and the hopes of a speedy improvement are very faint. The general increase in costs, and the unfortunate diminishing tendency which the formerly world-famed German productivity now exhibits, as well as the suddenly great demands for German products coming from abroad and from the country, can logically only have the effect of raising prices. Prices are quoted per kilo.

**ACETIC ACID** (80 per cent.) is cheap at m.700 for 100 kilos., ash, exclusive of containers, duty paid, and is in demand.

**AMMONIUM BROMIDE** should be higher in accordance with the price for potassium bromide, but is quoted at the surprisingly low rate of m.25, at which it is advisable to buy.

**AMMONIUM CHLORIDE.**—White crystals, 98/100 per cent., are scarcely offered by manufacturers. Large transactions have taken place in stocks held in second-hands at m.600 per 100 kilos., cash. The price is rising.

**ANISE OIL**, owing to a brisk demand, has increased to m.95, and is becoming scarce.

**ANTIPYRIN.**—Supplies are scarce.

**ACETYL SALICYLIC ACID**, in consequence of very great demand, now commands m.135 for cash.

**BENZOIC ACID** is in great demand, particularly by foreign buyers.

**BISMUTH SALTS** have risen in price, and now fetch, sub-nitrate, m.250, cash; subgallate, m.220, cash.

**BRAX.**—The stocks are rapidly decreasing in consequence of large orders from industrial undertakings and from drugists. For the present it can be supplied at m.875 per 100 kilos. for crystals, and m.9 for powder, cash.

**BORIC ACID** has increased to m.14.50 for crystals and m.15 for powder, cash. New supplies are meeting with difficulties.

**CAMPHOR (REFINED).**—Japanese, in bells: the firm has succeeded in obtaining a supply which they can offer at m.160, cash, whereby they are rendering a service to purchasers.

**CAMPHOR SUBSTITUTE**, for technical uses, is unchanged at m.9, cash.

**CHAMOMILES.**—Owing to the bad harvest in Germany and in Hungary speculative purchases have raised the price to m.18 for ordinary and m.20 for first quality, cash.

**CITRIC ACID.**—Supplies are scarce, and manufacturers quote m.56.

**COUMARIN** has fetched recently m.375, cash, and is in great demand by foreign buyers, particularly from England, where it is quoted at about m.600.

**CREAM OF TARTAR** (99/100 per cent.).—The price has been increased to m.26.50, cash, but a further rise is expected, as manufacturers are short of raw materials.

**GLYCERIN**, white, 28°, sp. gr. 1.23, readily fetches m.14.50, cash, exclusive of containers. Orders for 1,000 kilos. might be filled at m.14 per kilo., cash.

**GUAIACOL CARBONATE** is quoted at m.275 in barrels of 300 kilos.

**HELIOTROPIN** has changed hands at m.400, cash; supplies are short.

**HEXAMETHYLENETETRAMIN.**—Small amounts only offered at m.95, cash.

**HYDROQUINONE** has increased to m.76, cash, and is worthy of attention.

**IODINE** preparations have increased in price, and are now quoted: Potassium iodide, m.310; iodoform, m.345; and iodine resublimed, m.345, cash.

**KOLA** is in demand, and a new supply is expected, which will be offered at m.18, cash.

**MENTHOL CRYST.**—Continued demands from abroad have raised the price to m.450, cash, for immediate delivery.

**MILK-SUGAR.**—M.18.50, cash; supplies are very low and scarce.

**PEPPERMINT OIL.**—Japanese dezentholized in original cases has increased to m.160 per kilo., cash.

**RAD. IPECAC. RIO** is in demand at m.220, cash. A slightly inferior Carthagena is cheap at m.175, cash.

**RAD. SENEGE.**—It is possibly advisable to purchase at the present price of m.160, cash.

**POTASSIUM BROMIDE.**—Owing to large amounts being withdrawn from the market it has risen in price in consequence of the small stock available, and a further rise is probable.

**POTASSIUM PERMANGANATE** was in brisk demand at m.60, cash, and large orders from abroad are coming in.

**SANDALWOOD OIL.**—East Indian is at present unobtainable. West Indian oil has increased to m.175, cash, and stocks are very depleted.

**SODIUM BROMIDE** should command a higher price in analogy with the present price for potassium bromide, and at m.25, cash, invites purchase.

**SODIUM SALICYLATE** is very scarce, and is quoted at m.28, cash.

**STAR ANISE OIL** is now quoted at m.125, cash, and orders are now again coming in.

**TARTARIC ACID.**—The high prices willingly paid by foreign buyers have, as was foreseen, led to a further increase of prices in the German market, and the prices now quoted (per cwt.) are m.34 for crystals and m.33 for powder; a further rise is probable.

**THEOBROMINE.**—Sodio salicylate commanded attention at m.275, cash.

**VANILLIN**, 100 per cent., chemically pure, is in great demand. The firm is nevertheless able to supply below factory price: special quotations supplied on request.





## Title Filching.

SIR,—I take the liberty of referring to an open letter from Mr. Arthur H. Jenkin to the Pharmaceutical Associations of Great Britain, which has for its main subject "The Question of Titles." An analysis of this precipitates the phrase "centring our efforts around the more general use of the title 'Pharmaceutical Chemist.'" Does Mr. Jenkin recognise the fact that he proposes to sell other people's property and to put the proceeds into the Bloomsbury coffers? The title "Pharmacist" was taken in 1908, just "scrounged"; there was the prated excuse that thenceforward it would indicate to the multitude the private chemist as distinguished from the company store proprietors. How far has this been realised? I quote Mr. Jenkin's letter for answer: "Whoever heard a member of the public say he was going to visit the pharmacist's?" The Pharmaceutical Society has done much better by the pharmaceutical chemist than to him. When we passed the Minor thirty years ago membership of the Society or a share in its management was denied the loyal chemist until he had taken the Final examination; that meant more study, more fees, and loss of earnings. The inducements to pass the Major are fewer now, it is true; but the title "Pharmaceutical Chemist" belongs to those who do pass it, and nobody can in justice sell, loan, or give away the title and its appurtenances. I do not think the local Associations will work for a scheme in which they can see neither justice nor advantage. From time to time certain actions of the governing body have left a nasty taste in the mouth, and if members of the Council wish to maintain or regain the confidence of the electors they should propound something more bold, honest, and useful than a play with titles.

Portsmouth.

THOS. POSTLETHWAITE, Ph.C.

## Assistants as Trade Unionists.

SIR,—It is with very great disappointment that I notice in your reports of Assistants' Association news that practically every branch of the National Association of Chemists' Assistants has voted for registration as a trade union. Were it merely registration—that is, nothing more than the registering of the Association—little need be said, but it does not stop there; it embraces trade unionism in all its forms, and that is a position I cannot understand any of these men accepting after the protestations and fulminations of the past six months. Were the whole of the assistants of the country organised into one or other of the organisations which are catering for them, registration might then be considered in order to see if greater efficiency and power could be obtained by those means, but to introduce the question so early in the day savours of incapacity and inefficiency. If that is the case, to become a trade union before reorganising the Executive is a foolish and childish way of evading responsibility. Principles are easily cast aside in these days of loose political thinking, but the perpetration of such a *volte face* as the Executive of the N.A.C.A. has just published to the world requires a lot of swallowing. The result, I presume, will be, first of all, the loss of a large number of members, and then amalgamation with the Union of Drug and Chemical Workers. Much time and money might have been saved had the founders of the N.A.C.A. realised their lack of conviction and capacity six months ago. I consider that registration is unnecessary, because a thoroughly organised Association could do quite as much for its members as a trade union, while at the same time its hands would not be so tied as those of a union which tries to borrow strength by amalgamation with bodies which are totally out of sympathy with a trade or profession so peculiarly constituted as is that of the chemist and druggist of to-day.

Yours faithfully,

J. N. JOHNSON,

Ex-Vice-President, Birmingham Branch, N.A.C.A.

## Profiteering Problems.

SIR,—After perusing Jay Mack's profiteering poster (C. & D., October 25, p. 74) I turned up the corresponding prices in an old copy of the "Liverpool Chemists' Price List," which I had by me, and which is dated 1896, and I find that the six drug items he mentions are priced as follows:

1. Epsom salts	1d. oz., 6d. lb.	4. Sulphur	... 1d. oz., 4d. lb.
2. Liquorice powder	... 5d. oz.	5. Camphor oil	2d. oz., 2s. 6d. lb.
3. Boric acid	3d. oz., 2s. lb.	6. Linseed meal	5d. lb., 4 lbs. or more 4d. lb.

I have not, unfortunately, a wholesale list of contemporary date, so that I cannot compare the wholesale prices; but I cannot quite follow the method of pricing. You will notice that while Epsom salts and sulphur are both 1d. per oz., one is 6d. and the other 4d. per lb. respectively, and, again, sulphur by the ounce gives four times the increase, while boric acid at 3d. oz. and 2s. lb. only gives twice the increase on the pound rate, in either case being more than Mr. Philip's allowance of 25 per cent. I further see that sulphur, precip. is given at 1½d. oz. or 1s. 8d. lb.; this seems out of all comparison to the sulphur sub. At the beginning of the list it states that when the price given is per ounce only, the price per pound is the same number of shillings as pence per ounce, and a drachm is a sixth of the ounce price; liquids are arranged for fluid measure. Mr. Philip's list is certainly more scientifically arranged than the Liverpool one, but, on the other hand, his figures work out rather too high for some of the everyday lines in poor and suburban districts. There are certain series of pence which usually go well for small quantities, thus:

1 oz.	2 oz.	4 oz.
1d. ...	1½d. ...	2½d. ...
1½d. ...	2½d. ...	3½d. ...
2d. ...	3d. ...	6d. ...
4d. ...	7d. ...	1s. 2d., and so on.

But it is not on these ordinary drugs that the difficulty arises, as the retail prices are mostly fixed by local competition or the class of business done; it is in the more rarely called for drugs that we require a rule to go by, and I would suggest using the rule on a standard wholesale list; and then, taking the simplest figure as a unit, that is 1s. 4d. lb. or 1d. oz., one of the following series of figures could be adopted according to the neighbourhood and class of trade:

1 oz.	2 oz.	4 oz.	8 oz.	1 lb.
Cost ... 1d. ... 2d. ... 4d. ... 8d. ... 1s. 4d.				
Retail { 2½d. ... 3½d. ... 6d. ... 11½d. ... 1s. 10d.				
{ 3d. ... 4½d. ... 8½d. ... 1s. 4d. ... 2s. 6d.				
{ 5d. ... 1½d. ... 10d. ... 1s. 6d. ... 2s. 9d.				

For more expensive drugs priced in ounces the ounce rate divided by 7 and multiplied by 2 would approximate to the retail figure; thus 1s. 2d. oz. cost would be 4d. drachm retail.

Yours faithfully,  
CHAS. HAMUS.

## Printers' Charges.

SIR,—A little time ago I sent up a slip label as a guide, only wanting 500 labels, for which I was charged 6s. I grumbled, when I was informed it had to be specially cut, not being a stock size, their list of sizes, etc., being enclosed. My label exceeded the size by a fractional part of a decimal point of an inch, but, being an up-to-date firm, with a passion for executing orders exactly as stated, it did not occur to them that the infinitesimal difference in the size did not matter, so a special order was made of it, at a special price. Of course, the traveller explained quite airily that the quantity of orders they had did not give them time to think.

Yours,

W. H. BOWLING.

SIR,—Concerning Mr. John Dowty's plaint of the charge for printing slip labels and the like, I have had a similar experience myself this week, where a bill for a few stock labels amounted to nearly 6d. Yours faithfully,

"LABEL." (71/44.)

## Legal Queries.

**A. B. L.** (68/24).—The word "antiseptic" used of a hair-wash does not involve liability to medicine-stamp duty. There are quite a number of things one can say about a hair-wash without risk.

**R. A. F.** (73/38).—The position in the Poison Schedule of a preparation containing antin. tart. depends upon the percentage of the poison the article contains. If 1 per cent. or more, the preparation is in Part I.; if less than 1 per cent., in Part II.

**N. H. I.** (22/19).—Unregistered persons who contract with Insurance Committees to supply drugs to insured persons are limited to such items as appliances and non-poisonous drugs. Articles for which a dispensing-fee is chargeable may not be supplied by unregistered persons.

**L. C.** (51/52).—There are no definite regulations in this country regarding the use of colouring-matters in food, except in the case of cream and milk, to which no colouring-matter may be added. Any question of the addition of injurious colouring-matter to food would be dealt with under the Sale of Food and Drugs Acts, and in case of a prosecution the prosecution would require to prove that the colouring-matter is harmful, and that the purchaser had not obtained a product of "the nature and substance demanded."

**J. M.** (63/18).—**PROFITTEERING.**—"J. M." asks: Is it profiteering, and could it be made the subject of a "complaint," if a chemist now charges "face value" for a proprietary, whereas before the war he was in the habit of charging store prices? [The point to be observed is whether the "rate of profit" is no greater than it was before the war. As a rule the alteration of retail prices which has taken place within the last few years has been the consequence of the rise in the wholesale price, which in its turn has responded to the increased cost of raw materials.]

**T. S.** (44/73) has for years sold compound bismuth lozenges prepared from a formula of a local doctor. Now that lozenges under this name are official in the British Pharmacopeia, what steps should be taken to protect from prosecution under the Sale of Food and Drugs Acts? [We assume that the formula "T. S." uses differs materially from that of the British Pharmacopeia, and we consider that the safest plan would be to give some indication on the label that the lozenges are not B.P. Such words as "Special formula—Used since 18—" would show that the lozenges were sold before the issue of the present official formula.]

**D. R. M.** (65/28), who is domiciled in Scotland, wishes to alter his surname by incorporating an additional letter. What procedure should he adopt? [In England anybody is at liberty to change his name; but in order to preserve evidence of the alteration it is customary to observe certain formalities. The usual practice is to execute a deed poll announcing the change, and to advertise the execution of the deed in the "London Gazette" and newspapers. The deed may be enrolled in the Central Office of the High Court. "D. R. M." should consult a solicitor with regard to the corresponding procedure in Scotland, which may be different.]

**Interested** (63/53) wishes to know what books a limited liability company is compelled to keep, and if cash-books and purchase journals are amongst those required. [No books are prescribed by name. What is laid down is that the directors shall cause true accounts to be kept of the sums of money received and expended by the company, and the matter in respect of which such receipt and expenditure takes place, and also of the assets and liabilities of the company. Any books which comply with these requirements will do. The books must be kept at the registered office of the company, or at such other place as the directors think fit, and be always open to the inspection of the directors.]

## Miscellaneous Inquiries.

**G. W. B.** (15/29).—**DOSE OF NITRIC ACID FOR A CHILD.**—The reason why we have never recommended the nitric-acid fever cure is because the dose of acid appears to us to be excessive. Dilute nitric acid is usually administered in doses of  $\frac{1}{2}$  to 1 minim to a child of one year old, but your formula orders the equivalent of  $2\frac{1}{2}$  minims for a dose. Perhaps you can tell us whether you have found the larger dose is well borne.

**J. P. O.** (61/38).—Gadd's "Synopsis of the British Pharmacopeia, 1914," is a suitable book for your purpose. It is published at 2s. by Baillière, Tindall & Cox.

**W. R. W. R.** (48/61).—**COAL SAVING.**—Small coal made into balls by means of clay was one of the methods advocated last year for economising coal.

**G. W. K.** (73/58).—The following are the formulas for which you ask:

### Balsam of Linseed, Horchound, and Honey.

Oxy. scillæ	...	...	...	3ij.
Ext. glycyrrh.	...	...	...	3ss.
Chloroformi	...	...	...	3xviii.
Ext. ippecac. liq.	...	...	...	3xii.
Ext. marbubii liq.	...	...	...	3xi.
Ol. menth. pip.	...	...	...	3iv.
Ol. anisi.	...	...	...	3iv.
Theriac.	...	...	...	5ss.
Sacch. ust.	...	...	...	q.s.
Muc. lini. ad	...	...	...	3vj.

### Liquorice Cough-mixture.

Succ. "Solazzi"	...	...	...	lb. iij. 3xv.
Gum. acaciæ	...	...	...	lb. iij. 3xv.
Oxy. scillæ	...	...	...	lb. vj.
Glycerini	...	...	...	lb. ij.
Ol. anisi.	...	...	...	3vj.
Spt. rect.	...	...	...	3xij.
Ext. glycyrrh. liq.	...	...	...	3ij.
Theriac.	...	...	...	3ij.
Chloroformi	...	...	...	3ij.
Æther.	...	...	...	3vj.
Vin. ippecac.	...	...	...	3xij.
Aq. ad	...	...	...	fl. lb. xlviij.

### M.S.A.

Adult dose: 3ij. to 3ij. two, three, or four times a day, as required, and 3j. at intervals during the night, if needed.

**J. H. S.** (58/12).—**DENTAL MECHANICS.**—The following are books on this subject: Richardson's "Practical Treatise on Mechanical Dentistry" (22s.); Rose's "Dental Mechanics" (five vols., from 2s. to 3s. each); Hunter's "Mechanical Dentistry," 3s.

**J. D. H.** (66/5).—**BOOKS ON MEDICINAL-PLANT CULTIVATION.**—The following are the titles of recent works on horticulture in this country: E. M. Hohnes, "The Cultivation and Drying of Medicinal Plants" (1s., the author, "Rutherford," Sevenoaks); E. M. Holmes, "Medicinal Plants" (6d., Wesley, 28 Essex Street, W.C.); A. B. Teetgen, "Profitable Herb-growing and Collecting" (3s. 6d.), "Country Life"; D. Ellis, "Medicinal Herbs" (2s. 6d., Blackie & Son). Mrs. Grieve, Chalfont St. Peter, Bucks, also publishes a series of pamphlets on the subject as well as supplying stock.

## Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Nov. 15, 1869.

### The Title "Pharmaceutical Chemist."

We have received a letter signed "Chemicus," reminding us that chemists and druggists in business on their own account may be registered as Pharmaceutical Chemists on passing the "separate examination," which is admitted to be more practical than theoretical, provided they have held an independent position for at least five years, or are not less than thirty years of age. "Chemicus" pleads for those chemists and druggists who were in business at the time of the passing of the Act, but who are still under thirty years of age, and claims for them the privilege of registration as Pharmaceutical Chemists on passing the same practical examination. We never regarded the "separate examination" with favour, and should strongly oppose any attempt to extend its action. Its adoption as part of the educational scheme of the Pharmaceutical Society was justified by the fact that there were many "outsiders" who might have been registered as Pharmaceutical Chemists in 1852, and who had since regretted their indifference or neglect. The Act of 1868 has obliterated the hard line between the "ins" and the "outs," and we are surprised that the back-door of "separate examination" is still kept open. As far as regards trading rights, there is absolute equality between those who are registered as Chemists and Druggists and those who are registered as Pharmaceutical Chemists. We trust, therefore, that the significance of the higher title as an honourable distinction gained by systematic study will be jealously preserved.

# THE CHEMIST AND DRUGGIST



## SUPPLEMENT

2 CANNON ST.  
LONDON, E.C.4.

NOVEMBER 1, 1919

*is Supplement is inserted in every copy of The Chemist & Druggist*

## THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note therefore that, in future, instructions can be accepted for not more than six weekly copies of the Supplement at a time, and that in every case

### STAMPED AND ADDRESSED WRAPPERS

must be sent—not stamps only as hitherto.

**PLIER CLOSING FOR PRESS.** Will advertisers please note that until further notice it will be necessary that Advertisements for the Supplement must be sent not later than the **FIRST POST THURSDAY MORNING.**

## CHEMISTS' TRANSFERS.

ers. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No.: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

URY PARK (Near).—Good-class Retail and Dispensing; returns upwards of £2,000; scope for development; shop and comfortable residence; no near opposition; agreed.

N, S.W.—Good-class Business, chiefly Dispensing, at well-appointed Pharmacy; position unique; *net profit* to be agreed equitably.

N, N.—Ready-money Business; returns between £3,000 per annum; *gross profit* 50%; small working at £60; on lease, or freehold may be purchased; valuation and sum for goodwill to be agreed.

N, N.—Cash Retail Business; established 40 years, front hands 29; returns exceed £1,000 per annum; £390, and *net* £300; seven-roomed house, private £50; no near opposition; price £450.

N, S.W.—Ready-money Retail, with N.H.I. Dispensing; £228 weekly; *net profit* 25%; convenient residence; goodwill £50, plus valuation of stock and fix-

OND, S.W.—Light Retail Business; established many years, present rate, £23 weekly, at good prices; small entrance; held on lease at a moderate rental; £400.

OND, S.W.—Family Retail and Dispensing Business; 11 years; gross receipts average between £900 profit £350; stock and fixtures estimated at £750;

8.—MIDLANDS.—Old-established Business, Retail and Wholesale, in Packed Goods; gross receipts exceed £8,000, and during the past 3 years the *gross profit* has averaged £2,051 per annum; the premises are held on long lease at a rental of £60; price about £3,000; a banker's reference will facilitate business.

9.—WESTERN COUNTY.—Ready-money Business; entirely unopposed; returns £40 weekly; corner shop; comfortable residence and nice garden; side entrance; rent moderate; price £850.

10.—WEST OF ENGLAND.—High-class Dispensing and Retail Business; returns between £4,000 and £4,500 per annum; *gross profit* 45%; well-fitted shop; further particulars will be furnished on receipt of a banker's reference.

11.—KENT (Vendor retiring).—Good-class Retail and Dispensing Business; established many years; returns over £3,000, at good prices; scope for development; capital opening for two energetic young men to join in partnership; further details on application.

12.—WESTERN COUNTY.—Unopposed Business; corner position in main thoroughfare; returns £60 per week, at fair prices; small residence; held on lease; price to be agreed.

13.—SUSSEX.—Good-class country Retail Business; returns between £900 and £1,000 yearly, increasing; *net profit* 40%; good residence; small garden; rent £50; held on lease; price £750.

14.—SOUTH COAST.—Well-established Retail and Dispensing Business; capitally situate in main thoroughfare; returns at the rate of £5,000 per annum; further details on application.

## VALUATIONS FOR STOCKTAKING.

Co. desire to emphasise the necessity of a Periodical Statement of Account, by which means alone Profit, the business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

ers. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

# BERDOE & FISH

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35 Jewry Street, Fenchurch Street, E.C.3.

Telephone 1809 CENTRAL.

## NO CHARGE TO PURCHASERS.

1.—S. DEVON.—Good-class Retail and Dispensing Business for immediate disposal, including the freehold premises, comprising good residence and ample storage; returns over £2,200, at good profits; scope for much extension; handsome modern Pharmacy, in very best position, and fully stocked; price for business and freehold, £2,150; only cash buyers need apply.

2.—LONDON, N.W.—Good middle-class suburban Retail, in good position; returns over £3,000, increasing, modern-fitted Pharmacy, heavily stocked; low rent; long lease; small residence attached; price £1,600; references required.

## INTENDING VENDORS

We are in immediate want of sound businesses in all parts of England, especially London, South Coast, S.W. and Western Counties, Midlands and Home Counties, at prices ranging from £300 to £3,000. Cash buyers waiting; private register kept. Best attention and quick sales guaranteed. Terms sent on application. *Established 1870.*

## BUSINESSES FOR DISPOSAL.

4s. 6d. for 50 words or less; 8d. for every additional 10 words or less, prepaid.

EAST Coast.—Cash Retail business, prescribing and N.H.I., returns average about £900; good profits; rent £40, or freehold can be purchased; comfortable residence, small garden; ill-health reason for disposing; established over 20 years; would suit Pharmacist requiring steady trade; well stocked and in good condition; price £500. 155/23, Office of this Paper.

SOUTH MIDLAND (London Main Line).—Well-established Herbalist Business, with large Chiropody clientele combined; splendid counter trade in Chemists' Sundries; rapidly increasing; net profit £300; low rental; small house; premises may be leased or bought; excellent opportunity for energetic Herbalist or Chemist with an interest in Herbalism; fine opening for one with knowledge of Cattle Medicines; £350 (or near). Address "Bogbean" (154/30), Office of this Paper.

A GENUINE, old-established Business for Sale; South Coast town, valuable position in principal thoroughfare; Pharmaceutical Chemist, established over 60 years; well-fitted Shop, Dispensary, and eleven-room dwelling-house; returns nearly £5,000 (two-thirds cash-taking); no Panel Dispensing; lease, goodwill, fixtures, and stock. Full particulars of Hankinson & Son, The Square, Bournemouth.

B ARGAIN.—Two businesses for immediate disposal in S.W. district; working-class trade, with N.H.I.; returns £2,500; very low expenses; valuation plus very small premium; owner has purchased a country business. Replies to "Urgent" (156/39), Office of this Paper.

F OR Sale, practical Herbalist Business, 12 years, profits over £6 weekly; price £350, or with furniture £600; large shop, five rooms, concrete basement; rent 13s. 6d. weekly; no opposition for one mile; numerous county clients; owner going to Canada, but would coach buyer for, say, four or six months. Medlicott, 49 Rossington Street, Upper Clapton, N.E.

F OR Sale, Bath, Tablet and Toilet Requisite Works; going concern; lack of capital reason for selling; low price for immediate sale; suitable for Perfumery factory desiring side-line. Apply by letter to "S. S." (142/31), Office of this Paper.

T HE old-established Chemist's Business at Old Deer, Aberdeenshire, is to be sold for family reasons; there is a certain amount of Stationery, Wines, Photographic work, but no heavy business; house, kitchen, two public rooms, five bedrooms, etc. Apply J. Park, Chemist, Old Deer.

# PARSON C. BAKER

(Pharmaceutical Chemist).

Trade Valuer & Transfer Agent

Recommended by The British Drug Houses, Ltd.; Messrs. ... Co; Barclay & Sons, Ltd.

Valuer to the Association of Manufacturing Chemists.

4 Cyprus Road, Church End, ...

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TO MEDICAL PRACTITIONERS, HOSPITALS, DENTAL SURGEONS, AND DISPENSARIES.

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By direction of the Australian Force Disposals Board 12 GREAT SMITH STREET (adjacent to Westminster ... Notice of Sale of an Important Assemblage

MEDICAL STORES, DENTAL REQUISITES, DISPENSING EQUIPMENT comprising

Cases of Surgical Instruments. X-Ray Appliances, Field Sets, Bristow Coils, Transformers, Plurostats, Sterilisers stands and Operating-tables, Microscopes, and valuable Specialities.

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Mechanical Operating Chairs, Phoenix Stands and Action Denture Instruments, Vulcanisers, and Mechanics' ... Also

A large and varied assortment of MEDICINES AND DRUGS, and Photographic Equipment.

GODDARD & SMITH

will SELL by AUCTION, on the premises as above, MONDAY and TUESDAY, the 3rd and 4th NOVEMBER, at 11 a.m.

Admission by Catalogue only, obtainable of the Auctioneers' Head Offices, 196 Piccadilly, W. 1. Telephone 2727 (3 lines).

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## PREMISES WANTED.

F ACTORY, with Plant, wanted, for manufacturing Preparations; London district; good price given 143/60, Office of this Paper.

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NOVEMBER 26th.

THE WORKS OF MR. E. COWLES, IVY ROAD, V.

TING KIER. High pressure 6' dia. x 6' deep, working 40 lb. per sq. inch. Circulating pipes, steam liquor, blow-off valves and gauges. C.I. perforated, false complete with steel multitubular heater 16" dia., 7' 1" long the necessary fittings, pumps, etc.

R is dismantled condition, complete with about 695 ft. double endless chain and rollers.

PRAYER, by Aerostyle &amp; Lithos, Ltd., complete with and starter. Grouting machine, by Murray, Worlsmen, etc.

NOVEMBER 26th.

No. 6 NATIONAL FILLING FACTORY, CHILWELL.

ANEUS PLANT. Tanks of different sizes, C.I.W.I. suitable for oil and water storage. Liquor distributors, C.I. Cocks and piping, etc. Filter presses, 24 sq., complete with feed pipes and wash-out arrangement ratchet, capstan, pressure up to 80 lb. per sq.

tner film evaporator, complete with pre-heater coil, steam tubes, condenser, etc., with supporting steel

achines, belt driven, brass revolving cylinder, F. &amp; L. automatic reversing gear, capacity 150 shirts.

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iven vacuum pumps. Jacketed siphonators, self delivery hoist, 15 cwt., complete. Belt-driven hoists.

ors. Electric fans, and a large number of other

EMBER 26th.

M. FACTORY, SUTTON OAK.

## AMMONIA COMPRESSORS.

A COMPRESSORS, by the Lightfoot Refrigerating Cinders 83" dia. x 15" stroke. Capable of eliminating 3.T.U. per hr. at 50° F. Belt-driven fly-wheel 9" face of the outward bearing type.

ng tanks for above, 4' 6" dia. x 9' 0" high, one

pressor, complete with steering gear and triple

operative condenser coils provided with water catch-

skeleton furnace of firebricks, complete with doors,

, 9 ft. dia. x 8 ft. high, single lift, large number

including piping, valves, cocks, belting, etc.

EMBER 24th.

SSRS. ARDOL'S FACTORY, SELBY.

PLANT. Complete plant suitable for installing in

of the usual type of standard machinery.

rs above and permits to view can be obtained from

D.B.I. (E.), Charing Cross Embankment Buildings,

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3d. at all bookstalls, or by quarterly subscrip-

st free, payable in advance, to the Director of

try of Munitions, Whitehall Place, London, S.W. 1.

## FOR SALE.

4s. 6d. for 50 words or less; 8d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

ABOUT 40 gross Seidlitz Powders, B.P.; new and dry; 2-3 gross, 11s. 5d. gross; 4-6 gross, 11s. gross; 8-12 gross, 10s. 6d. gross; 13-20 gross, 10s. gross; carriage paid. "Pharmacist" (152/3), Office of this Paper.

BEST offers for 1 x 40 gall. cask best Linseed Oil; about 40 lb. Oil Sassafras Ext. genuine, 7s. 6d. lb.; any quantity. W. F. Johnson, Chemist, Milford Haven.

NEW No. 1 Colton Rotary Collapsible Tube Closing Machine; price £45; on view by appointment. Apply 151/40, Office of this Paper.

OL. Menth. Pip., original 11-lb. tin, Burgoyne's, unopened; 42s. per lb.; single pounds 44s.; two 1-lb. bottles and one 2-lb. bottle Menthol Crystals (Southall), 38s. 6d. lb. Slawson, Matlock Bath, Derbyshire.

19 PAIRS Lenses, 1 eye, + 5.5 to 8 sph.; 11 pairs ditto, -3 to -6; 55 lb. Boric Lint; Brown's Still, 6 pt.; 2 lb. Cocoa Butter; 1 oz. Brilliant Green; 3 4-inch Domette Bandages; 2 Flannel Baudages, 2½ inch; 9 Bottles Sterilised Gauge, 1 inch; 24 ditto, ½ inch; 4 pairs Surgeons' Rubber Gloves, 6 to 8. Bowler, Chemist, Belper.

## AGENCIES.

4s. 6d. for 50 words or less; 8d. for every additional 10 words or less, prepaid.

INDIA.—Company making Surgical Instruments, Hospital Furniture, etc., require firm (Wholesale Druggist preferred) to act as their Agents and carry selected stock. Reply, with full particulars, to S. M. G., Box 341, Samson Clark &amp; Co., Ltd., 58 Great Portland Street, W. 1.

ADVERTISER, with many years' experience in the Perfumery and Toilet Sundries business, seeks Agency for the Midland Counties for high-class Manufacturing Perfumers, etc.; commission basis; state terms and full particulars; interview arranged in London on and from 4th inst. Apply 154/5, Office of this Paper.

## AGENCY.

NORTH OF ENGLAND, Northumberland, Cumberland, Durham, all Yorkshire; good commission paid to energetic man already on ground; must have good connection and be well recommended; our goods have already been placed, but unfortunately our Salesman died. Apply 56/36, Office of this Paper.

AGENTS, with connection among Chemists, Hairdressers, Drapers, etc. wanted in all large provincial centres to introduce quick-selling new line. Apply by letter, stating ground covered, to The Unique Supply Co., 153 Fleet Street, London, E.C. 4.

GENERAL Agent and Traveller for the firm of Burroughs Wellcome &amp; Co., London, during 27 years, having ceased travelling in order to establish himself in Rome, offers his services as General Agent to carry on sale Chemicals, Products, Patents, Preparations, Perfumery, and Sanitary Articles. Write M. D. Dalmazzo, Via S. Sebastiano 3, Rome, Italy.

REPRESENTATIVES on good commission wanted for the sale of Delphinus preparations as advertised in C. &amp; D. in the United Kingdom; only those with good connections need apply. Delphinus Manufacturing Co., 45 Edward Street, Brighton, Sussex.

TO WHOLESALE DRUG AND SUNDRY HOUSES.—An excellent opportunity now occurs for any first-class Wholesale Drug and Sundry houses to be represented in China; a very any firm of repute not already represented in China; this affords an excellent opportunity. Letters in first instance to "China," powerful and old-established British-American firm in China is anticipating opening up on extensive lines the Drug business to 60 Stanhope Gardens, S.W. 7.

## APPRENTICESHIPS.

—Young lady, 18, just left school, wishes to be apprenticed to Retail Chemist in or near London, all particulars to "Rhubarb," 41 High Street, S.E. 27.

gentlemanly Apprentice for first-class Dispensing Junt &amp; Co., Chemists, Winchester.

## BUSINESSES WANTED.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have reply addressed to this Office, and forwarded on payment of an additional charge of 6d.

**A**DVERTISER, having disposed of his Pharmacy, requires sound Family, Prescribing and Light Retail Business doing £2,000 to £5,000 per annum at average net profits; lease and good house essential; South Midlands or Southern Counties preferred; cash available. Fullest particulars in first instance to facilitate correspondence to "Leather" (149/16), Office of this Paper.

**A**DVERTISER requires for cash a really sound and genuine Business, suitable for unregistered, with good living accommodation preferred, but not absolutely essential; neglected business not objected to if scope for increase; must stand investigation; full particulars and lowest price in strict confidence. "Presto," 34 Cawdor Road, Fallowfield, Manchester.

**A**DVERTISER, qualified Chemist, seeks genuine, sound Retail Business; price £1,500 to £2,000 (cash available); must bear strict investigation. Reply (in confidence) with full particulars as to turnover, profit, and reasons for disposal, to 151/14, Office of this Paper.

**A**DVERTISER requires sound Retail Business, Yorkshire or Lancashire industrial areas, or would work on partnership terms with view to early succession, where there is scope for development on up-to-date Store lines. Replies, private and confidential, to "Sous" (134/29), Office of this Paper.

**A**DVERTISER requires (immediately) good-class Business, South of Thames; seaside preferred, but not essential; taking about £5,000 or £4,000. "S." (152/29), Office of this Paper.

**A**DVERTISER requires Drug Store, in country or small town; preferably showing scope for Photographic and other side lines; with living accommodation; suitable for unqualified; or would manage with view to succession if accommodation offered; 20 years' experience; age 37; married. Particulars in confidence to "Spes," 61 High Street, Guildford.

**C**HEMIST seeks a good Business in London or near; Prescribing preferred, with or without N.H.I.; must have genuine reasons for disposal and open to fullest investigation; small or large business entertained, with residence or lock-up shop with one room; particulars in confidence. Apply 151/12, Office of this Paper.

**P**HARMACIST requires Management; good house accommodation (small preferred), with view to succession; would also consider purchase of suitable business, with turnover of at least £1,000, cash available; good-class London district preferred. Reply, with further particulars, to 138/9, Office of this Paper.

**P**HARMACIST requires Cash Business; would entertain Management with view to succession; good living accommodation; Partnership entertained; neglected Business with scope for increase not objected to. Full particulars in confidence, 154/21, Office of this Paper.

**S**OUND Business required, Retail and Dispensing, etc., Photography not objected to, in provincial town on main line between London and South Yorkshire; lock-up shop preferred, but not essential; turnover £3,000 or over; references exchanged. Full particulars (in confidence) to "M.P.S.," Esher Villa, Cabbell Road, Cromer.

**W**ANTED, a good Drug and Prescribing Business; town or country, latter preferred; advertiser would undertake management of one with a view to early succession. Full particulars to E. Redhead, 39 Fulham Street, Beeston Hill, Leeds.

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**O**PPORTUNITY occurs for a real smart man to acquire an interest in and take a seat on the board of a small limited Company controlling a unique Proprietary which has an increasing sale and is well advertised. Preference will be given to a Salesman who understands the "potent" value of advertising in all its branches, and can invest about £2,000 or more, which will be used solely to increase business and widen the scope of activity. If you mean business send banker's reference in first instance to 75/380, Office of this Paper.

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**W**ORKING Partnership in London or willing to be in a business showing a good weekly wage; a good Dispenser, Counterman, Window-dresser, and Photography; could take charge; references exchanged. T. S. Paige, 44 Braemar Avenue, Thornton Heath, C.

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**I**LLFRACOMBE.—Unqualified Assistant required; age experienced Dispenser and Counterman, with Photography; indoors; comfortable berth. Apply, particulars of experience, etc., and when disengaged, 2 High Street, Ilfracombe.

**K**ING'S College Hospital, Denmark Hill, S.E. 5.—Invited for qualified Assistant Dispenser (Pharmacist), for two evenings a week from 7 p.m. Apply Fairweather, Pharmacist.

**L**IVERPOOL.—Junior or Improver Required for 1 business (outdoors); no Sunday duty. Apply 1 of this Paper.

**L**ONDON, W.—Energetic Junior or Assistant required for class Business. Apply John Keall, 241 Elgin Avenue, Hampstead 1549.

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**R**ECQUIRED, Senior Assistant Pharmacist; good and General training; knowledge of buying Drugs a Stores an advantage; experience in management and essential; commencing salary £275 per annum.

Apply, giving full particulars as to age and experience. **FRANK G. HAZELL,** General Superintendent and

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Chemistry in charge of the Department of Pharmacy.  
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of rousing up and developing, on modern lines,  
Retail and Dispensing Business, which is now  
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pressive suburban business; excellent opportunity for  
n competent to take full responsibility; liberal  
rofits offered. Fullest particulars to 151/26, Office

ER would be grateful to hear from a Chemist who  
ndy spare his reliable Assistant, in case of an  
r a few days or so. Apply, with particulars and  
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Wanted for first-class Dispensing and Retail.  
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Park.

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et, W. 1.

Wanted for Friendly Societies Institute; full time.  
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ferences, to Secretary, Medical Institute, Lincoln  
ough.

Wanted, Assistant, part time; good Dispenser  
Apply H. E. Matthews, Ltd., 66 Kensington  
11.

Wanted wanted (at once); full particulars, salary,  
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ent Street, Cambridge.

Assistant; smart at Counter, with good Dispens-  
ence. Apply, with full particulars, W. Malden  
5 Brompton Road, London, S.W.

ant required, for Counter and Window-dressing;  
ence essential; moderate hours; no Sunday duty.  
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d, S.W. 5.

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armacy; state particulars, with photo if possi-  
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ARMACIES, LTD., require a qualified Chemist to  
n branch in busy working-class neighbourhood  
t be smart, energetic, good Counterman; N.H.I.  
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reliable. Give full particulars, age, experience,  
lary required, to Moores. Chemists, Ltd., 24  
rimsby.

Assistant wanted; mixed country business. Please  
sary required, and all particulars, photo if possi-  
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Assistant, for good-class Retail and Dispensing  
s; not be an experienced Dispenser; no N.H.I.  
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Wanted, a qualified Dispenser (lady). Salary to commence 45s.  
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WANTED, competent Assistant as Warehouse Stockkeeper;  
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Apply, stating age and salary required, to Jas. Wood, Ltd.,  
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be well recommended. Apply, with fullest particulars, to  
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WANTED, unqualified Assistant, chiefly for Dispensing Counter;  
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required. Prichard, Cash Chemist, Abertillery.

WANTED, smart unqualified Assistant, for busy, good-class  
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WANTED for City business, Junior Assistant, male; short  
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age, salary, etc. "Chemist," 56 Lynton Avenue, West Ealing, W.

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ledge of Photography preferred. Apply, stating age, experience,  
references, and salary required, to 154/32, Office of this Paper.

WANTED, unqualified Assistant, active and reliable; Dispens-  
ing and Family trade; permanency. Tiltman, 213 High  
Street N., East Ham.

WANTED, qualified Assistant; take charge Dispensing Counter;  
must have had good-class experience. Apply, with full par-  
ticulars and salary expected, to F. W. Goodess, The City Phar-  
macy, 25 Market Street, Leicester.

WANTED at once, capable and energetic Manager; one of the  
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ONDON Export Merchants have a vacancy for a Junior Indent  
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A FIRM of Manufacturing Perfumers wishing to establish a  
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LLEN & HANBURY'S, LTD., Bethnal Green, E., require a  
young man for their Order Department; must be able to read  
readily varied Drug orders, and be a quick and accurate worker.  
Applications, in own handwriting, stating age, experience, and  
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CAPSULE MAKING.—Wanted, a sharp young woman to be  
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previous experience in Capsule making would be an advantage  
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**C**HEMIST, young and energetic, required by well-known firm manufacturing Alkaloids, Fine Chemicals, Proprietary Lines, etc., for their propaganda department; must have expert knowledge of the Pharmaceutical business, medical literature propaganda, supervision of representatives, etc.; candidate would be required to take charge of a department where organisation and discipline would be important factors; must be used to independent working. Letters of application, which will be treated as strictly confidential, should state fullest particulars of experience, age, and salary required, otherwise useless to apply. Apply 47/43, Office of this Paper.

**C**HEMIST wanted, with experience in the preparation and packing of medium and high-class Perfumes, Toilet Preparations, Tooth-pastes, etc. State age, experience, and salary required, Cussons, Sons & Co., Ltd., Kersal Vale Works, Manchester.

**C**OUNTER Assistant required, with experience in fitting Trusses, Abdominal Belts, and possessing a knowledge of Druggists' Sundries. Write, stating age, salary, and experience, to "D." Box 918, Sells' Advertising Offices, 167 Fleet Street, E.C. 4.

**E**SSENCES, ESSENTIAL OILS, COLOURS.—Well-known firm of Manufacturing Chemists in Lancashire requires Warehouseman to supervise and organise receiving, packing, and despatch; practical working knowledge of above goods essential. Write full particulars, experience, age, salary, to 143/5, Office of this Paper.

**E**XPERIENCED Forewoman or Manageress wanted to supervise the manufacture of Face Cream, Powders, and other Toilet Specialities; good salary and interest in the business to suitable applicant. Apply 143/600, Office of this Paper.

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**G**ENTLEMAN required in old-established Merchants' business; accustomed to calling on Wholesale Druggists, Chemists, etc.; preference given to one with good knowledge of Essential Oils; state terms. Apply, by letter, to E. H. G., Exchange News Room, Liverpool.

**L**ABORATORY Assistant (female) required in London; accustomed to preparing Solutions, filling and sterilising Ampoules, etc., and general Pharmaceutical Laboratory work; state age, experience, and salary required. "D." (76/49), Office of this Paper.

**L**ONDON firm of Chemical Importers and Exporters (long established) offers life post as Manager and possibly Managing Director, to a thoroughly competent and experienced man; liberal salary and share of profits; must be a first-class organiser, fully and thoroughly acquainted with the Chemical trade in all its branches, both as seller and buyer. Applications addressed to "Chemical" c/o Potts Advertising Service, 180 Fleet Street, E.C. 4, will be treated in strictest confidence.

**L**IVE Representatives wanted for high-class Toilet Preparations, new, but well advertised. Those with established connections, capable of pushing further good lines on commission only, should apply 153/8, Office of this Paper.

**P**HARMACEUTICAL Chemist, qualified (Major man preferred) required for Laboratory, with good experience of Organotherapy Products, Hypodermic Solution, and Tablet-making. Apply, giving full particulars, to Evans Sons Lescher & Webb Ltd., Crofton Lodge, Higher Runcorn, Cheshire.

**Q**UALIFIED Manager to establish Pharmacy and Side Lines in country district of Western England; in addition to salary will be given opportunity to acquire share of business. Apply, stating age, approximate salary required, experience, etc., 151/20, Office of this Paper.

**Q**UALIFIED Chemist required for Wet Poison-room of provincial Wholesale Druggists. Apply, stating previous experience, age, salary required, to "Wets" (76/41), Office of this Paper.

**R**EPRESENTATIVE required by Manufacturing Chemists to carry high-class preparations on a commission basis. Write full particulars and ground covered to "F. C. S." 23 Newton Road, Bayswater, W. 2.

**R**EPRESENTATIVE required for London and Home Counties, to push the sales of two articles shortly being advertised; salary, expenses, and commission. Apply P. C. B. 3/19, Office of this Paper.

**R**EPRESENTATIVES for Midlands, Lancashire, South Wales, and London, on commission, to carry Proprietary Line, having good sales and already stocked by most Chemists; protected price, showing good profit; a remunerative side-line to a Traveller with connection; permanent position to reliable men. Apply, with full particulars, to S. Vaughan, 422 Kingsland Road, London, E. 8.

**R**EPRESENTATIVE for country, to carry well-known proprietaries on salary and commission basis; a good and easily-handled proposition. The Anglo-Frederick Co., Ltd., 238a Gray's Inn Road, London, W.C. 1.

**R**EPRESENTATIVES, with live connections, required to up the sale of a good line for the winter season; 155/800, Office of this Paper.

**R**EPRESENTATIVES, with good connections, for Tyneside and a few Sundries; Midland, North, and Western districts; commission or part expenses and commission. Full particulars, stating ground, terms, etc., to 154/38, Office of this Paper.

**R**EPRESENTATIVES required, on a commission basis, for a good connection amongst Chemists, for the following territories: East Coast, South Coast, South-West of England, Midland Counties; registered P.A.T.A. lines of high-class Preparations, including a Tonic Wine. Apply, giving full details of territory covered, to P. C. B. 3/36, Office of this Paper.

**R**EQUIRED, the services of a real live Propaganda Representative; must have had previous experience and be well known among the medical profession of the provinces. Reply, salary required, age, and experience, to 143/4, Office of this Paper.

**R**EQUIRED, the occasional services of Chemist used to manufacture of Toilet Preparations; North London 155/15, Office of this Paper.

**S**MART Traveller, having Hospital connection, wants exploitation of economising patent re surgical gels; time would suffice; Agents wanted for France and U.S.A. 105 Princess Road, Leicester.

**S**MART young man wanted by London firm of Wholesalers as Foreman in charge of Oil Despatch Yard; must be energetic. 76/370, Office of this Paper.

**T**OILET Preparation (splendid side line).—Represents wanted for Yorkshire, Lancashire, Midlands, and Wales; must have good connection amongst good-class Chemists; expenses required; good commission. 155/16, Office of this Paper.

**T**RAVELLER with good connection wanted for the Home Counties to carry Toilet and Household Products, Insecticides, etc., for Chemists; Salary £300, with full expenses and expenses. Only experienced energetic men need apply. 142/35, Office of this Paper.

**T**YPIST.—Required, for City Wholesale Druggist, St. hand Typist; previous experience in trade essential; by letter, giving full particulars (in confidence) required, to "X. Y. Z." (74/69), Office of this Paper.

**W**ANTED, experienced man; one used to making Shaving Blocks; must be thoroughly conversant in every way; good wages; permanency; replied; strict confidence. "Mineral" (147/5), Office of this Paper.

**W**ANTED, a smart man for the W.R. Yorkshire and Lancashire district must be a Salesman with a proven record and have the confidence of Chemists on his ground. The line is a unique one which is being well advertised, and has good forceful window shows to back up sales samples light and easily carried. Expenses and commission basis to start, then salary expenses, and commission when selling ability is demonstrated. Write 75/31, Office of this Paper.

**W**ANTED at once, experienced Laboratory and hands; state experience and wages required. Office of this Paper.

**W**ELL-KNOWN Proprietary Remedy Firm in London want a first-class Salesman to call on and sell good quantities to Chemists in London; also one for the rest of England; this is no so-called "snip," calling as steady, hard work, and sterling salesmanship; liberal terms are paid to men of enthusiasm, energy, and force to prove their worth; prospects thereafter are good but unless you are a sales-combining Salesman, waste your time or ours by writing; write fully, in confidence, enclosing photo, with following particulars—single, permanent residence, previous experience and war time, remuneration expected to commence information considered essential; if photo, etc., is to be enclosed, please enclose stamped addressed envelope. Add instance "Salesman," Box No. 273. The Ashby 45 Rathbone Place, W.

ET Room Hand, experienced, required for South of England; free removal. Give full particulars, 142/39, Office of this

**£10** a week and interest in business to qualified Chemist able to supervise manufacture of Toilet Preparations; must be thoroughly experienced and able to originate formulas; permanent position; all applications treated as confidential. Apply 143/6, Office of this Paper.

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**TISH** East Africa.—Wanted, qualified Assistants, with good experience, under 30, single, with knowledge of Photography required; attractive climate; short hours; three years' agreement; second-class passage paid out; commencing salary £30 per month. Apply, with full particulars, to R. McGeorge, c/o H. C. & Son, Prince's Street, Edinburgh.

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**ANNESBURG.**—Chemist's Assistant wanted for Johannesburg; not necessarily qualified; £25 per month first year, £30 per month second year, with furnished bedroom or room; no agreement; good references required. Apply by M. Wright, c/o J. A. Ewing & Co., Ewing House, Chiswell, London, E.C.

**APORE.**—Wanted, young, qualified Chemist Assistant; three years' agreement; salary \$300 per month first year, \$325 per month second year \$350 per month third year; passage paid out and home. Apply Durant, Radford & Co., Ltd., Billiter Buildings, C.

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**ERMACIST.** fully qualified, required as Assistant in manufacturing laboratory abroad; good opportunity for right man, stating age, qualifications, and salary required, to "A. N." Hanbury's Ltd., Bethnal Green.

## SITUATIONS WANTED.

12 words or less; 8d. for every additional 10 words or less, prepaid.

**Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 5d.

[HOME.]  
[RETAIL.]

**A.**—**QUALIFIED** Manager or Locum; permanency preferred; married; 38; 20 years' experience good class Pharmacies; with good references; good Prescriber; successfully managed business 3 years, when it was sold; state terms and hours. "Aspirin," 27 Cleveland Road, Northampton.

**A**CTIVE and obliging; unqualified (30); married; permanency required; not afraid of work; used to quick business; Counter, Photographic, and up-to-date Window-dresser; has taken charge; 5 years last; London or suburbs. 153/21, Office of this Paper.

**A**DVERTISER, all-round experience in Retnol, neat and accurate Dispenser, also keen Prescriber and Counter hand, seeks permanent post and responsibility; tall, good personality, obliging and diligent, good worker; excellent references; unqualified; Midlands preferred. Reply to Ferreday, Grove Cottage, Grove Road, Stratford-on-Avon.

**A**DVERTISER just demobilised seeks post; unqualified; tall, married, age 39; energetic and reliable. Full particulars to 111/21, Office of this Paper.

**A**S qualified Manager or Assistant; disengaged; London and provincial experience; South Wales preferred. Davies, Ty Cwrrd, Llwynbendy, Llanelli.

**A**S qualified Assistant; age 38; partial disablement; Counter, Dispensing, Stock; take charge; fluent French; remuneration moderate; London or Continent. P. C. B. 3/31, Office of this Paper.

**A**S Assistant Chemist; six years' experience; good references; speaks French, English, Italian, Arabic, and German; situation in London Pharmacy preferred. P. C. B. 3/24, Office of this Paper.

**A**SISTANT, unqualified, demobilised too late for school session, requires berth; age 23; excellent references. Evans, 30 Pleasant View, Wattstown, Glam.

**A**SISTANT; qualified; 27, tall; demobilised; accustomed first-class Dispensing and Counter work; South England preferred; states wages, hours. Hannam, West Allington, Bridport.

**A**SISTANT; experienced; capable Manager; unqualified; languages; many years in best-class Pharmacies; permanent or temporary; disengaged. Apply 151/9, Office of this Paper.

**A**SISTANT, unqualified, wishes to work half or three-quarters usual time daily; 40, slight grey, strict abstainer; accustomed good-class Dispensing and Retail (Ireland); some years business absence; two study; salary, offer. Apply 142/30, Office of this Paper.

**A**SISTANT, Manager, Superintendent, qualified; experienced Dispenser. "Chemist," 18 Penshurst Road, South Hackney.

**A**SISTANT, accustomed to good-class Dispensing Business, seeks engagement immediately. Miss M. Peters, 25 Delvino Road, S.W. 6.

**A**SISTANT (24), qualified, desires immediate engagement; tall; good address; knowledge of Photography. Kindly state salary offered, also other particulars, to 152/18, Office of this Paper.

**A**SISTANT, unqualified, good experience, requires berth; Dispensing, Counter; good references. Apply W. E. C., 97 Canterbury Road, Margate.

**A**SISTANT; 37; unqualified; demobilised; experienced Dispensing and Counter, Photography; state hours and salary. Apply 152/26, Office of this Paper.

**A**SISTANT; 32; tall; experienced in high-class Dispensing and Counter; first-rate references; unqualified. H. Stapleton, 9 Liverpool Road, St. Albans.

**A**SISTANT, unqualified; age 26½; good experience and references; 13 years' experience, including 4 years' Army Dispensing; disengaged. "Statim," 30 Arkwright Street, Bolton, Lancs.

**A**SISTANT, 23, unqualified, with high-class Dispensing and Counter experience; excellent references. L. Gale, Chester Street, Wrexham, N. Wales.

**A**SISTANT, 34, married, unqualified, town and country experience, requires permanency, where can live above shop, or where house can be rented. Featherstone, Glebe Terrace, Houghton-le-Spring, Durham.

**A**SISTANT, 34, unqualified. 15 years' Retail experience (1½ years French Pharmacy), 2 years' practical experience Bacteriology and Clinical Diagnosis, seeks situation, Retail or Wholesale; City or near; disengaged. Write "Pills" (155/3), Office of this Paper.

**A**SISTANT; 32; unqualified; Dispenser, Counter, or Stock; Wholesale or Retail; 12 years' experience; London. W. B., 68 Leonard Street, Finsbury, E.C.

**A**SSISTANT or Manager; 40; 5 ft. 9 in.; qualified; married; good all-round experience, town and country; excellent references; moderate salary for comfortable permanency; outdoors, or with house; particulars, please. "M.P.S.", 10 Clifton Terrace, Kenilworth.

**B**OURNEMOUTH or District.—Unregistered, 33, desires part-time crib; sound experience; quick and accurate Dispenser; reasonable salary. "Dispenser," Pine Cottage, St. Ives, Ringwood, Hants.

**B**RANCH Manager or otherwise, unregistered, shortly disengaged, desires situation where tact and business-building ideas will meet with progressive remuneration; 40; married; Extractor, Prescriber, N.H.I. qualification; competent all branches; highest references; or would entertain view succession; easch at command; replies strictly confidential. Apply 149/19, Office of this Paper.

**C**HEMIST (young), just demobilised, two years' experience with Public Analyst, requires position. Write "H. L.", 59 Imperial Avenue, Westclif-on-Sea.

**C**HEMIST and expert Photographer desires engagement in the North, with good opportunities for extending the Photographic Department. "Cosecant" (153/3), Office of this Paper.

**C**HEMIST, qualified, first-class experience in Patent Medicine trade and manufacture, desires responsible position. P.C.B. 3/21, Office of this Paper.

**C**HEMIST'S widow is desirous of giving some domestic services in exchange for rooms unfurnished; one son; North-West district preferred; highest credentials. "L. W. B.", Post Office, Fernhead Road, Maida Hill, N.W. 6.

**C**ITY and West-End; thorough experience; good Counterman and Dispenser; qualified. "A." (3/210), Office of this Paper.

**C**OMPETENT Assistant; 17 years' experience; excellent references; good personality; reliable; Midlands preferred. 153/31, Office of this Paper.

**C**OMPETENT lady Assistant, Minor qualification, experienced in best-class Dispensing, requires post. 154/12, Office of this Paper.

**C**OMPETENT Assistant; 26; unqualified; good and energetic Counterman, Prescriber; capable and experienced. State salary, etc., to 153/4, Office of this Paper.

**C**OMPETENT man, used high-class Dispensing, Counter; good Salesman; tall; good address; 31; single; good references; can take charge; free. Full particulars, 153/7, Office of this Paper.

**D**ISPENSER (Hall); ex-N.C.O.; long experience Hospital and private; disengaged from Loudon Institutional Locums. Burrows, 4 Battersea Rise, S.W. 11.

**D**ISPENSER (lady) seeks post with Doctor or Chemist in London; keen worker; has attended Pharmaceutical College for nine months, and would give her services for the first fortnight free. Apply "Dispenser," 26 Rivercourt Road, W. 6.

**D**ISPENSER (35), permanency required; would do Locum; 16 years' varied experience, Bookkeeping, Dresser, Extractor; good references; disengaged. Strutt, 2 London Road, Hailsham.

**D**ISPENSER, unqualified, age 22, seeks situation in Ireland (Dublin or North), in Hospital, Shop, or with Doctor; four years Medical Staff, Royal Navy, Dispenser on large ship; at present with two Doctors with large London practice; good references. Apply 153/2, Office of this Paper.

**D**ISPENSER, lady, qualified, requires post (daily); 4 years' Institution experience; excellent reference. Miss B. Warington, 48 Buckleigh Road, Streatham.

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**E**X-OFFICER just demobilised requires berth in good Dispensing business; three years' experience. Apply 151/1, Office of this Paper.

**E**XPERIENCED Assistant, Minor Student, desires evening business. "R." 43 Morrison Street, Lavender Hill.

**E**XPERIENCED Locum, now disengaged; abstainer; untroubled; references. "Energetic," 24 Waltham Road, Southgate.

**E**XPERIENCED Senior, unqualified, good Prescriber, open engagement. "Rhei," o/o Thomas, Chemist, 157 Conrible Road, Cardiff.

**G**ENTLEMAN, qualified, elderly; wide experience good-class, by Dispensing and Counter; Manager or Assistant (marriage undertake books; 3 years last; replaced by returned sold) excellent reference. Nicholson, 58 Bedford Hill, Balham, S.W.

**J**UNIOR indoor Assistant, two years' experience, demobilised. Army 2½ years, desires situation in good business; age 21. J. M. Cooksey, The Chalet, Janson Road, Southampton.

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**L**ADY Dispenser (30), Hall qualification, requires post, London or near; whole or part time; excellent experience v. both Doctor and Chemist, also Hospital; good testimonials; engaged. Apply 153/29, Office of this Paper.

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**L**ADY Dispenser, qualified, Hall, 4 years' experience w. Chemist and Doctor, requires post in London. Apply L. S., 156 Elgin Avenue, W. 9.

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VE Assistant; unqualified; Liverpool or near; Counter, Windows, Photo, Dispensing; 30, married. Apply 151/38, Office of this Paper.

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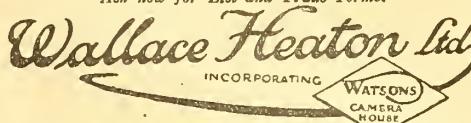
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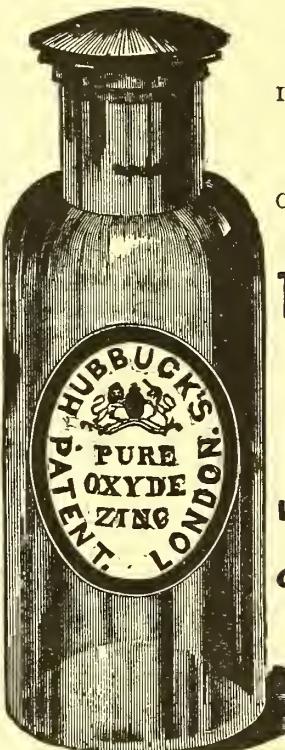
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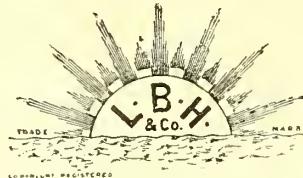
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Actually flavoured with LEMON AND SWEETENED. They are PALATABLE instead of Nauseous, an improvement on the B.P. formulae. Your customers will appreciate them. Put them in your window. Show them on your counter. THEY SELL RAPIDLY. No trouble, no worry, no dead stock.

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They are packed in smart envelopes. 6 dozen envelopes in a Show Carton (2 gross Cartons), complete with attractive Showcards and Window Slips. They may be ordered through Messrs. Ucal, Ltd., by Ucal Members, or through Messrs. Sangers, Francis Newbery & Sons, W. Edwards & Sons, Butler & Crispe, May, Roberts & Co., or on receipt of cheque or postal order for 21/- we will forward 1 gross per RETURN.

The GREENWICH LEMONADE CO. - 11 John Penn Street, S.E. 13.  
J. MILNER, M.P.S., Proprietor.



## G. C. Starup's Danish Cheese RENNET EXTRACT

STARUP'S REAL DANISH CHEESE RENNET EXTRACT is guaranteed to be made from finest calf veils only, and does not contain Pepsin or other kind of substitute.

Chemists and Druggists, please ask for G. C. Starup's real Danish Rennet Extract, Annatto Cheese Colour and Butter Colour.

**G. C. Starup's Chemical Works, Copenhagen, K., Denmark.**

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*Crystal and Powder.*

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Manufactured by J. L. ROSE,  
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Capsules made to suit all Climates. Worm Cure for Dogs a specialty.

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FOR HOME OR EXPORT  
Sandal. Oil Capsules a Speciality

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**Fine Chemical Manufacturers,**  
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ACID***(Canadian Product)***Re-distilled  
and  
Technical****Johnson, Matthey  
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The Bank of England the Royal Mint, etc.  
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depend on the purity of their ingredients.**NITRATE SILVER**is the most important of these, and it happens also to  
be very sensitive to contamination.A wide margin of safety has therefore always been  
our principle in manufacturing it. First, throughout  
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vessels made of Gold and Platinum. Secondly, all  
our first crystals are twice redissolved and recrystallised.  
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We invite your attention to our comprehensive line of Pepsins and allied products:

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Peptonum Siccum—purified beef peptone for bacteriological purposes



*Prompt Service*

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## “SUPEROL”

Registered Sale Name

In Powder, Granulated and Tab'ets.

A MOST EFFECTIVE NON-POISONOUS  
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 Specific Gravity ... ... ... .919 to .928  
 Absolutely Free from Phellandrine.

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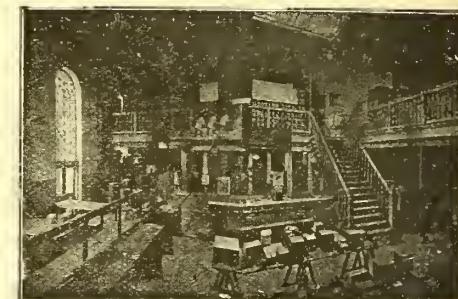
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100 VOLUMES.

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a strictly Dutch firm, with a view of entrusting  
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## SILVER PROTEINATE P.G.V. SILVER NUCLEINATE, 20% and 25% RENNET POWDER & LIQUID

We have a regular & continuous  
output of these preparations.  
Please ask for prices.

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BASLE, SWITZERLAND.

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— 1846 —

Ferdinand ROQUES, PARIS.

Manufacturer of PURE PHARMACEUTICAL CHEMICALS.

## COCAIN, PILOCARPIN, SPARTEIN, ATROPIN, HOMATROPIN, etc.

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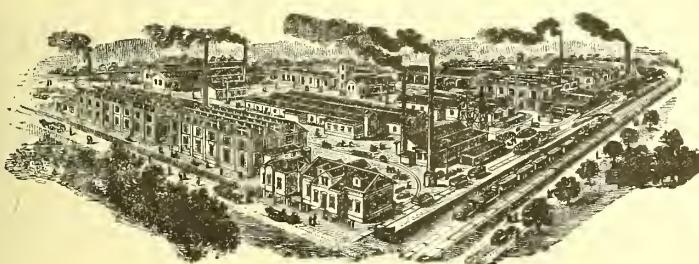
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GOLD MEDALS, PARIS 1889, 1900.  
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**Quinine Ethyl Carbonate. Chinosol**  
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etc.

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Guaiacol Carbonate

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**QUININE ETHYL CARB.  
PHENACETIN B.P.  
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**ON SPOT.**

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**Theobromine  
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## ALKALOIDS

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TANNIN ALBUMINATE

## Note for Exporters.

SIROLIN " ROCHE "  
is again available for  
Export only.

**THE HOFFMANN-LA ROCHE  
CHEMICAL WORKS LTD.,  
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**ORION**  
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**SACCHARIN 550**  
**COUMARIN 100%**  
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### BRITISH SACCHARINE

3 gr., 550 in each.

packets of 100, 10/- per doz.

Bulk ... ... 54/- per lb.

### PHOSPHORUS AND

QUININE

10/6 per 1000.

### CINNAMON AND

QUININE

10/6 per 1000.

WITH SHOWCARDS.

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ESTABLISHED 1871.

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**BRITISH**  
**Aspirin Tablets**

9/- per 1000

Each tablet contains 5 gr. B.P. Aspirin.  
As supplied by us to the Military Hospitals.  
Bottles—25s, 4/6; 50s, 8/-; 100s, 14/9.

**BRITISH**  
**Saccharin Tablets**

3 grain 550 in 1.

In packets or bottles of 100, 200 or 500, and in  
Bulk. Special quotations for quantities.

All drugs are tested, and tablets made in our  
own factories, and guaranteed by

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Manufacturing Chemists,  
Wilkinson Lane - SHEFFIELD.

## DAMANCY & CO.

HARROW-ON-THE-HILL.

TABLET & PILL MAKERS to the TRADE

Have fitted up further premises for the  
Manufacture of

## TABLETS AND PILLS

from Wholesalers' own materials, or  
from material to be quoted for and  
supplied. Finest up-to-date plant.  
Make and Finish of highest class.  
Low Quotations.

## GUARANTEED SACCHARIN TABLETS

Quantity.	½-grain.	½-grain.	½-grain.
1 lb. ...	45/-	34/-	27/- per lb.
10,000... ...	6/6	5/-	4/- per 1000
100's, boxes	8/-	6/-	5/- per doz.
200's, bottles	15/-	—	—

Cash with Order. Registered post paid.

Special quotations to large buyers.

A smart Window Show is sent with £5 orders.

**WALTON, Chemist, BATLEY.**

In addition to the "APOLLO" Brand of PURE STICK LIQUORICE JUICE, MacAndrews & Forbes, Ltd., make an equally high-class stick, which they sell under registered brand of "MAFCO." This Stick Juice is guaranteed pure extract of the richest Liquorice Root in the World.

**APOLLO**

It has a strong liquorice flavour due to its highly-concentrated form. Like "APOLLO" Juice, it is highly soluble and free from dirt and grit. These Juices are made by the largest Pure Liquorice Manufacturers in the World, under direct supervision of an expert British Staff.

MACANDREWS & FORBES, Ltd., 2 Broad St. Place, London, E.C.2.  
ESTABLISHED 1857.

## ASPIRIN TABLETS.

Every tablet guaranteed to contain 5 gr. PURE ASPIRIN, B. P., m.-p. 135.5, as supplied by us on contract to Allied armies. Packed for the trade, in unlabelled bottles as follows:—

25's—4/3 per doz. 50's—7/6 per doz. 100's 13/6 per doz., bulk 8/- per 1000

(STOCK LABELS SUPPLIED IF DESIRED)

ASPIRIN, B.P., superfine quality, 5/6 per lb. Special quotations for quantities. Send for samples.

## THE KEENE COMPANY, MANUFACTURING CHEMISTS

52 Gray's Inn Road, LONDON.

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Contractors to His Majesty's War, India and Munitions Departments. Contractors to The Allied Government's Military Hospitals. Members of American Chamber of Commerce in London. Members of London, British and Latin-American Chambers of Commerce.

## ETNA LIQUORICE JUICE Guaranteed Pure.

(REGISTERED)

THE FINEST ON THE MARKET.

Sticks and Block.

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## P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

Nov. 1, 1919.

The following revised prices are now in force :

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.	
<b>"Allenbursys"—</b>				
4/6 Foods, Nos. 1 & 2 ...	...	4/6	43/3	doz.
4/6 Diet ...	...	4/6	43/3	
2 9 Bynin Liquid Malt	...	2/9	24/9	
5/- " "	...	5/-	45/-	
9/- " "	...	9/-	81/-	
(Bynin Emulsion withdrawn; superseded by "Allenbursys" Emulsion of Cod Liver Oil).				
Bynin Amara, Byno Cascada, Byno Formates, Byno Gly-				
3 6 Cerophosphates, Byno Haem-	3/6	31/6		
6 6 Globin, Byno Hypophosphites,	6/6	58/6		
12/6 Byno Pancreatin, Byno Pep-	12/-	108/-		
(sin, Byno Phosphates, Byno Plasma				
3/- Byno Chrismol ...	...	3/-	27/-	
5/3 " " ...	...	5/6	49/6	
3/- Byno Lecithin ...	...	3/-	27/-	
5/6 " " ...	...	5/6	49/6	
10/6 " " ...	...	10/6	94/6	
2/9 Bynol—the "Allenbursys"	2/9	24/9		
5/- Cod Liver Oil & Malt Extract	5/-	45/-		
3/6 Emulsion of Cod Liver Oil	3/6	31/6		
6/6 —the "Allenbursys"	6/6	58/6		
12/- Malt Extract—the "Allenbursys"	12/-	108/-		
2/6 Malt Extract—the "Allenbursys"	2/6	22/6		
4/6 " " ...	4/6	40/6		
3/- Rusks—the "Allenbursys"	3/-	28/10		
5/9 " " ...	5/9	55/2		
gross				
1/- Hassall's Brush Powder	...	1/-	96/-	
1/- " " Sponge	...	1/-	96/-	doz.
10d. Jeyses' Fluid, 4-oz. bottles	...	10d.	7 6	
1/4 " " 8 "	1/4	12/-		
10d. " " $\frac{1}{2}$ -pint tins	10d.	7/6		
1/4 " " $\frac{1}{2}$ "	1/4	12/-		
2/3 " " Pint tins	2/3	18/-		
3/- " " Quart tins	3/-	28/-		
1/6 " Special Fluid Cyllin, Bots.	1/6	13/6		
1/6 " " $\frac{1}{2}$ -pint tins	1/6	13/6		
2/3 " " Pint "	2/6	22/6		
3/6 " " Quart "	3/6	33/-		
1/- " Lysol (Jeysol), 4-oz. bots.	1/-	8/-		
1/9 " " 8 "	1/9	12/-		
2/4 " " 12 "	2/4	17/-		
3/- " " 16 "	3/-	21/-		
5/- " " 32 "	5/-	36/-		

**JEYES' FLUID.** Small gummed labels for 10d., 1/4, 2/3 and 3/- sizes, will be supplied by proprietors to cover existing prices on these sizes, if requested by distributors.

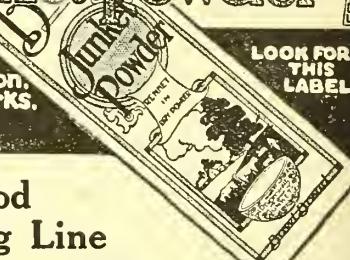
**THOMPSON & CAPPER'S "QUINPHOS."**

Through an error the minimum wholesale price of this preparation (3/- size) was quoted in last week's "Chemist and Druggist" at 28/6 doz. The correct m.w.p. is **27/6** any quantity.

**Birkss's**  
**Junket Powder**

*The all the year round dish.*

Made by  
Ed. Birkss & Son,  
Crown Works,  
Harrow.



## A Good Selling Line

for the Spring and Summer. Junket is a complete change from other milk dishes, easily made, eminently rich, palatable, digestible. Birkss's Junket Powder has been awarded the Certificate of the Institute of Hygiene and is the purest form of Rennet in existence. Our advertising to the public through the medium of the principal magazines is creating a big demand. It will add to your prestige and profit if you order a supply without delay.

*Samples, Prices and  
Terms on Request.*

**Edward Birkss & Son,**  
Crown Works,  
Harrow.

Tel: Harrow 684.

# CARAMEL COLOURING

(Sach. Ust.)

**For ALL PURPOSES.**

**PERFECT PURITY.**  
**Highest Colour Value.**

**IMMEDIATE DELIVERY** to Manufacturers and Wholesale buyers only.

**E. J. HAY & Co., Ltd.**

**THE Caramel Specialists,**  
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AND  
104 Sackville Street, MANCHESTER.

**ALL REACTIONS of the Body Fluids and Tissues are COLLOIDAL.**

"Collosols" are pure and stable colloidal solutions, isotonic and isomorphic with the elements of the body.

**CROOKES'  
COLLOSOLS**

"Collosols" are tested by ultramicroscopic bacteriological and clinical experiment.

# **COLLOSOL SULPHUR**

Collosol Sulphur is not presented as a substitute for the Spa treatment of such affections where Spa treatment is available, but as a supplement to it. A course of treatment at a Spa can be followed up by the exhibition of Collosol should relapses occur.

For patients who are unable to take a course of Spa treatment, practitioners will find Collosol Sulphur invaluable.

It is prepared in five different forms—for external use and bath medication, for internal administration, for injection, and as a cream, with which the affected part is gently massaged. Also as an oil for the scalp.

Also the following COLLOSOL Preparations:—

**ARGENTUM, ARSENICUM, CUPRUM,  
FERRUM, HYDRARGYRUM, IODINE,  
MANGANESEUM, PALLADIUM.**

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for

## COUNTER REQUISITES.

WE CAN GIVE IMMEDIATE DELIVERY  
*of the following Selected Seasonable Requirements.*

COUGH MIXTURES { Balsam of Honey  
 Wild Cherry Pectoral  
 Pectoral Linseed Balsam

Medicinal Essence of Cinnamon  
 Influenza Mixture

Lung Tonic. Ammoniated Quinine

CAPSULES { Cinnamon and Quinine  
 Ammoniated Quinine

TABLETS { Cold Cure  
 Chest and Lung  
 Formamint  
 Iodized Throat  
 Ammoniated Quinine  
 Cinnamon and Quinine

*ALL TASTEFULLY PACKED for RETAIL SALE.*

OUR SUPPLEMENTARY LIST  
 WILL BE POSTED ON REQUEST.

Burgoyne, Burbidges & Co., Ltd.  
 EAST HAM ————— LONDON, E.

Telegrams: "ZOTALENE PHONE LONDON."  
 Telephone: EAST HAM 686 (Four Lines).

RETAILS  
6d.

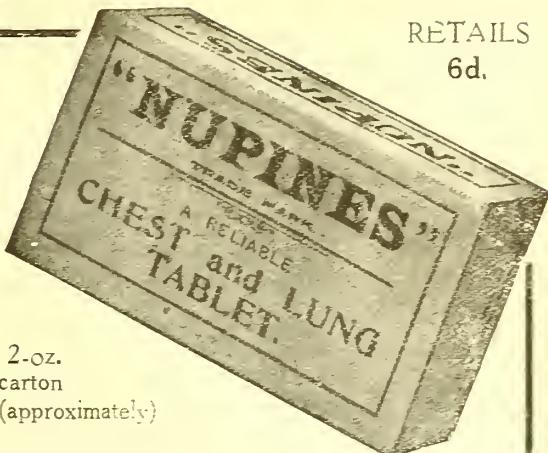
# A New Window Show Ready for NUPINES

This season we are turning out larger quantities than ever before of this popular Pine Tablet.

The new window show is sure to greatly increase the demand and prove a fine advertisement for your Pharmacy.

How is your stock? We cannot too strongly advise you to look well ahead. Nothing is more vexing to you and disappointing to the customer than to run out of stock of a line in big demand.

Bulk prices - - at 2/- per lb.  
1 cwt. - - - at 2/- per lb.  
Packed in 2-oz. cartons 42 - per gross.



2-oz.  
carton  
(approximately)

Put a X against any line that interests you, and we will send full particulars by return.

Balsam of Linseed,  
Horehound and Honey  
Capsicum Wool  
Chilblain Tablets  
Cinnamon Tablets  
Cold Cure Tablets  
Formalin Tablets  
Influenza Tablets  
Moorland Snow  
Nasal Fume  
Nay-sol Balm  
Neuralgia Tablets  
Pine Catarrh Remedy  
Pine Cough Balsam  
Rheumatic Tablets  
Quin-Sal Cold Cure  
Sore Throat Tablets  
Thermal Wool



## NASAL BALM

*A jelly in a special tube, with nozzle for introducing into the nasal passage.*

A popular line that gives every satisfaction to the customer. The formula is an excellent one:

R-

Ac. Boric	Ac. Salicyl.
Ac. Carbol.	Camphor.
Menthol	Oil. Eucalypt.
Thymol	Paraff. Molle Alb.

The tube has a special introducer for facilitating local application, and it gives excellent results in all cases of Influenza, Catarrh, Cold in the Head, etc. A good line to recommend when selling a bottle of Cough Mixture. Good showcards with all orders. Can we send you a supply?

Retails 1/- per tube.  
75/- per gross. 3 doz. 6/6 per doz.

*Good Show matter  
with all orders*

*W.B. Cartwright, Ltd*  
Rawdon near Leeds

Australia—  
297-299 Castlereagh Street, SYDNEY.  
326 Flinders' Lane, MELBOURNE.

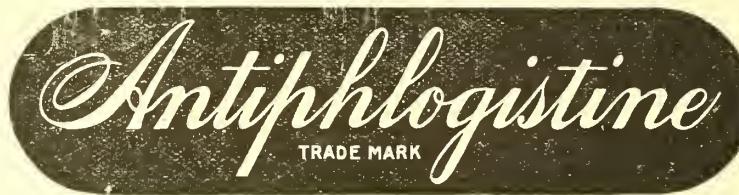
New Zealand—  
161 Hereford Street, CHRISTCHURCH.  
Wright's Buildings, Port St., AUCKLAND.

# Pharmaceutical Specialists

Antiphlogistine is not a side line with us, not one of many preparations; it is our sole product, upon the perfecting of which our force has concentrated its whole attention for twenty-five years.

When your customer buys Antiphlogistine he obtains the benefit of this twenty-five years of specialising.

There is no such thing as "the same as," or "just as good as"



Order a £2 quantity from your Wholesaler to-day, Carriage Paid, and save 5%.

The Denver Chemical Manufacturing Company  
41 St. Ann's Road  
LONDON, E. 3

## PLANO

The best thing out for Rough Skin and  
**CHAPPED HANDS.**

Sold everywhere at the popular price, 3d.

### TRADE PRICES :

6 doz. 12/- NET }  
1 gro. 23/6 } Carr. Paid

13 to the dozen for cash with order.

*Discount*—Orders of £1, 2½% ; £5, 5% ;  
£10, 7½%

Advertising matter supplied with each order.

### SPECIAL OFFER.

13 doz. tablets, by parcel post, with advertising matter 23/6, less 2½% cash with order.

### Recent Testimonial :

"I am delighted with the result of Plano. Please send some more for my friends, who think it marvellous."

**MILNER'S CHEMICAL CO.**  
LIVERPOOL.

## Mentholatum

A HEALING CREAM

Ample Stocks always on hand.

### P.A.T.A. PRICES.

1/3 size ... 1 1/6 per dozen.  
2/6 " 23/- "

Less 5% on 6 doz. orders.  
SPECIAL TERMS for WINDOW  
AND COUNTER DISPLAYS.

Over 10 million pots sold last year.



The MENTHOLATUM CO.  
39 High Holborn - LONDON, W.C.1.

BETTER THAN GLYCERINE FOR WINTER USE.

## MENOLAN

(REGISTERED)

### FOR THE HANDS

THE EMOLlient THAT IS DIFFERENT

A highly satisfactory Product and a good repeater. Minimum Retail 7½d. per tin. 60/- per gross with 1 dozen Bonus and 2½% cash in 30 days.

**MENOLAN CO. Ltd., BIRMINGHAM**

## ÉTABLISSEMENTS CHATELAIN,

2 & 2 bis RUE DE VALENCIENNES, PARIS.  
*Sole Manufacturers of*

## JUBOL

## RE-EDUCATION OF THE INTESTINE.

Constipation, Enteritis, Hæmorrhoids, Indigestion, Skin Blemishes, &amp;c.

Price 5/- per box.

## GLOBÉOL

## POWERFUL BLOOD TONIC.

Anæmia, Nervous Exhaustion, General Debility, Tuberculosis Convalescence, etc.

Price 5/- per bottle.

## PAGÉOL

## POWERFUL URINARY ANTISEPTIC.

Cystitis, Prostatitis, Catarrh of the Bladder, Renal Tuberculosis, etc. etc.

Price 5/- and 11/- per box.

## JUBOLITOIRES

## SCIENTIFIC SUPPOSITORIES

For Hæmorrhoids, Rectitis, Anal Fistula, etc. Anti-hæmorrhagic, Sedative, De-congesting.

Price 5/- per box.

## URODONAL

## POWERFUL URIC ACID SOLVENT.

Rheumatism, Gout, Arterio-sclerosis, Stones, Gravel, Sciatica, Neuralgia and all Uric Acid disorders.

Price 5/- and 12/- per bottle.

## VAMIANINE

New Scientific Preparation for Chronic Skin Affections, Psoriasis, Eczema, Acne, etc.

Price 11/- per bottle.

## SINUBÉRASE

## SCIENTIFIC PREPARATION OF LACTIC FERMENTS.

Indicated in Intestinal Disorders, Dysentery, Diarrhoea, Dyspepsia, Enteritis, Typhoid, Skin Eruptions, etc., etc.

Price 5/- per bottle.

## FANDORINE

Metrorrhagia, Dysmenorrhoea and Lactation, Pains, etc. etc.

Price 5/- and 11/- per bottle.

## GYRALDOSE.

Antiseptic for local Gynaecological use.

Price 4/- per box (powder)

" 5/- " (tablets)

## FILUDINE

## SPECIFIC FOR THE LIVER.

Malaria, Diabetes, Cirrhosis, Sluggish Liver, Tuberculosis, etc.

Price 11/- per bottle.

*Heppells*BRITISH AND COLONIAL AGENTS—  
Pharmacists & Foreign Chemists, 164 Piccadilly, LONDON, W. 1.

Telegrams: " URODONAL LONDON." Telephone: Regent 192.

AUSTRALIAN AGENT: Mr. BASIL KING, Malcolm Buildings, Sydney, N.S.W.

INDIA (SUB-AGENTS): G. ATHERTON &amp; CO., 8 Clive Street, Calcutta.

Now being largely advertised.

## GOOD NEWS!

The Trade will be pleased to hear that the restrictions on cardboard having been removed, we are once again supplying

## FUMO-TARACINE

in cartons complete with FREE VAPORISER,

## AND

that we have greatly improved the packing, making this valuable preparation one of the most attractively packed on the market.

## OUR NEW SHOWCARD

is claimed to be the most striking ever supplied to the Trade. If you have not laid in a new stock, send us your order **NOW**.

SHOW MATTER WILL BE SENT WITH GOODS.

Recommended by the Medical Profession for the treatment of

## INFLUENZA

ASTHMA

MEASLES

WHOOPING COUGH

SCARLET FEVER

AND ALL THROAT AND CHEST COMPLAINTS.

CATARRH

SORE THROAT

BRONCHITIS

SPASMODIC CROUP

2 OZ. 1/4 4 OZ. 2/3 16 OZ. 6/3

Inclusive of Free Vaporiser.

SPECIALLY EXEMPTED from PATENT DUTY STAMP

Obtainable from all Wholesalers or from the Manufacturers

THE COAL BY-PRODUCTS CO.,  
112 High Holborn, London, W.C.1.HEALO  
CURES ALL SKIN TROUBLES

## SKIN OINTMENT

On P.A.T.A. - 1/3 and 3/- each.  
Wholesale Price 10/6 " 27/- doz.

## BONUS &amp; FREE ADVERT.

½-doz. with 4 doz.  
1 " " 6 "In your local  
NewspaperATTRACTIVE  
DISPLAY CASES,  
SHOWCARDS.FREE SAMPLES.  
PROTECTED PROFIT  
OF OVER 66 %

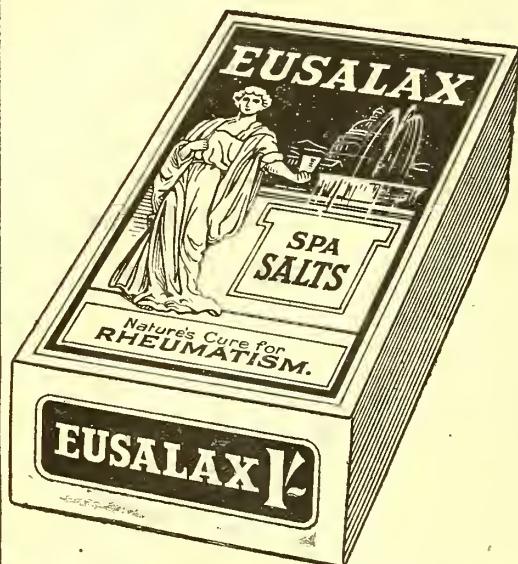
## MAURICE SMITH &amp; CO., Ltd.

Manufacturing Chemists, KIDDERMINSTER

Telephone: 184.

Export and Colonial Inquiries Solicited.

# A SPA IN THE HOME



# EUSALAX

*A pleasing Mineral Aperient & Tonic.*

For sufferers from Rheumatism, Gout, Sciatica, Neuritis, Lumbago, Eczema, Dyspepsia and Constipation.

"EUSALAX" is a careful and scientific combination of the beneficent mineral salts of some of the most famous Continental spas. It is one of the greatest solvents of Uric Acid, a natural stimulant to the liver, kidneys and intestines, and a sure blood purifier.

"EUSALAX" is being extensively advertised and is sure to prove a strong selling line.

Retailed in 1/- boxes: trade terms 7/6 per doz. boxes.  
(Yielding 60% profit to chemists)

Also Retailed in 2d. packets: trade terms 1/4 per doz. pkts.  
(Yielding 50% profit to chemists)

**GEORGE WALKER & SON, Ltd., Reid St., Bridgeton, Glasgow**  
(ESTABLISHED 1860)

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# BISHOP'S PIPERAZINE CITRATE

**A REMEDY OF ESTABLISHED AND DEFINITE VALUE**

**IN GOUT, LUMBAGO, SCIATICA, NEURITIS, GRAVEL, STONE,  
AND ALL MANIFESTATIONS OF THE URIC ACID DIATHESIS.**

Prescribed by the British Medical Profession for 20 years.

The undoubtedly superiority of Bishop's Piperazine Citrate, and preparations containing it, is due to the stability of the salt, Piperazine Citrate, which, being non-volatile and non-hygroscopic, undergoes no change upon exposure to heat or moisture, and thus lends itself to all manufacturing and dispensing processes.

Piperazine base, on the contrary, is so volatile and hygroscopic that it cannot be manufactured or dispensed with any degree of accuracy. Hence the unreliability of all Piperazine preparations that are not made with Bishop's Piperazine Citrate.

**PIPERAZINE CITRATE  
IS MADE ONLY BY  
ALFRED BISHOP, LTD.**

Bishop's Piperazine Citrate is the most powerful uric acid solvent known. It neutralises twelve times as much uric acid as any other alkaline solvent, and the resulting Piperazine urate is eight times as soluble as any other urate.

Bishop's Piperazine Citrate is non-irritant and non-toxic. It does not derange the digestive functions and is easily borne by even sensitive stomachs.

Bishop's Piperazine Citrate is supplied in crystalline powder for dispensing, and also in the Granular Effervescent form and Varalettes. The value and reliability of these preparations have been established by abundant clinical experience.

WE CAN, HOWEVER, SUPPLY PIPERAZINE BASE IN LARGE OR SMALL QUANTITIES, FOR MANUFACTURERS WHOSE PROCESSES CALL FOR IT.

*Prices and Particulars on application to—*

**ALFRED BISHOP, LTD.**

**MANUFACTURING  
CHEMISTS,**

48 SPELMAN STREET, LONDON, E. 1.

## THE ANGLO-FRENCH DRUG CO., Ltd.

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Montreal: DANDURAND BUILDING.

WEST-END DEPOT: MODERN PHARMACALS

(Managing Director, J. G. GORDEN, M.P.S.),

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SPECIAL  
PHARMACEUTICAL  
PREPARATIONS.

## AMIBIASINE.

Compound Extract of Garcinia.  
Treatment of Amoebic Dysentery,  
Diarrhoea, Enteritis, &c.

## BIOSULFOL.

Assimilable Sulphur Colloid.  
Entirely absorbed.  
For Chronic Mucous Affections,  
Rheumatism, Skin Diseases, &c.

## CUPRASE.

Specially prepared CHEMICAL  
Colloidal Copper for CANCER.  
Has given most encouraging re-  
sults in a good number of cases.

## CRYOGENINE.

A general Antipyretic and power-  
ful Analgesic.  
Supersedes Antipyrin, Phenacetin and Pyramidon.

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A successful Anti-Diabetic.  
Gives most satisfactory clinical  
results (formula given).  
Administered in Cachets.

Tested as per L.G.B. Regulations.

## GALYL.

(Safe substitute for Salvarsan.)  
Intravenous and  
Intramuscular.  
Malta Fever, Malaria,  
Frambescia, Sleeping Sickness,  
SYPHILIS.

## HECTARGYRE.

A combination of Hectine with  
Mercury.  
Intramuscular Injection; also in  
Pills and Drops.

## KINECTINE.

A Quinine Salt of Hectine. Pro-  
phylactic and Curative for Hay  
Fever, Rhinitis, Influenza.  
In Tablets.

## MERSALV.

A fine Mercurial Cream.  
Contains 10 per cent. Metallic  
Mercury.  
A non-greasy preparation,  
entirely and quickly absorbed.

## OPOLAXYL.

For Constipation. A combination  
of pancreatic, biliary, and  
intestinal secretions. A normal  
regulator of the intestinal func-  
tions. Tablets.

## URASEPTINE.

Composed of Urotropine and  
Hemilitol.  
A powerful Urinary Antiseptic.  
Dissolves and eliminates Uric  
Acid.

## TWO GOOD LINES.

## AMBRINE

Ambrine is the Only Authorised Preparation of  
Dr. Barthe de Sandfort. We are compelled to state  
this, as there are various imitations.

OVER

30%

## PROFIT

OVER

30%

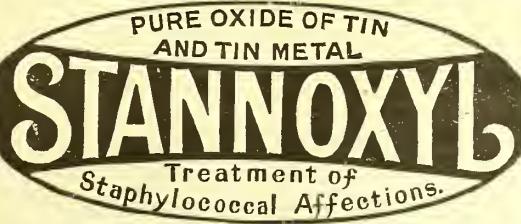
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SHOW THESE ON YOUR COUNTER,  
THE SALE IS CERTAIN.

Special Visit to Military Hospitals in France.

"Here we saw some wonderful cases of burns treated with  
Ambrine; the effect seems to be practically to provide the patient  
with a new skin, to say nothing of a fresh complexion."

—The Nursing Times



(An Oxide of Tin and Tin Metal Free from Lead.)

A Scientific production the value of which has been studied  
very closely. The effect is very prompt; from the second day of  
treatment the pain is relieved.In the majority of cases definite results are obtained within five  
or six days; it is seldom necessary to take the full ten days'  
treatment, and relapses are unknown.FULL PARTICULARS  
ON APPLICATION.

CACODYLATE OF SODA

**POTTER'S ASTHMA CURE**  
For the Relief of ASTHMA,  
HAY FEVER, BRONCHITIS  
& Diseases of the  
Respiratory Apparatus  
PRICE 1/6 NETT.

1/6 TINS (P.A.T.A. 1/6)

14/- DOZ NET

**POTTER'S**  
Asthma Cure

ADVERTISED  
EVERYWHERE

GIVES INSTANT  
RELIEF

POTTER'S ASTHMA SMOKING MIXTURE  
Composed entirely of herbs  
and carefully selected  
and prepared ready for use  
in smoking. It can be  
ordinarily taken in by  
ordinary smoking, but  
if necessary it may also be used  
in the inhalative cure.  
PRICE 9d PER TIN

9d. Tins (P.A.T.A. 9d.)  
7/- DOZ. NET.

1/6 Boxes (P.A.T.A. 1/6)  
14/- DOZ. NET.

1/3 Boxes (P.A.T.A. 1/3 net) 10/- doz.  
9d. Boxes (12 in box) 6/- doz.

POTTER & CLARKE LTD.  
60-64 Artillery Lane  
LONDON E·I

AND AT  
24 LUNA STREET, GREAT ANCOATS, MANCHESTER

# “QUINPHOS”

Regd.

THE GREAT TONIC

## NOTICE

On and from November 1, 1919, the 2/11 size “QUINPHOS,” liquid or tablets, will be sold at **3/- P.A.T.A.** The Wholesale price will be **27 6** per dozen.

From NOVEMBER 1, therefore, these are the

### Retail and Wholesale Prices of “Quinphos”

Regd.

	Minimum Retail Price.	Wholesale Price.
On th P.A.T.A.	<b>1/3</b> ....	<b>11/6</b> per dozen.
	<b>3/-</b> ....	<b>27/6</b> ,,
	<b>5/-</b> ....	<b>48/-</b> ,,

### BONUS FOR WINDOW DISPLAY.

**No. 1**—For a 25/- order of “QUINPHOS,” equivalent to 1 doz. 1/3 size and  $\frac{1}{2}$  doz. 3/-, liquid or tablets or assorted, there is a bonus of  $3 \times 1/3$  size with high-class Cut-out and Showcards for Window.

**No. 2**—For a £3 order of “QUINPHOS,” assorted sizes, liquid or tablets or assorted, there is a bonus of  $9 \times 1/3$  size, with high-class Cut-out and Showcards for placing in the Window.

**No. 3**—For a £5 order of “QUINPHOS,” assorted sizes, liquid or tablets or assorted, there is a bonus of  $15 \times 1/3$  size, with high-class Cut-out and Showcards for Window Display.

SOLE  
MAKERS

**THOMPSON & CAPPER, LTD.**

Manesty Buildings, College Lane, LIVERPOOL.

ESTABLISHED 1843.

Telegrams: “SANITAS LIVERPOOL.”

Telephone: ROYAL 2060 (Pte. Branch Exchange)

# Petroleum Jelly

White, Yellow, Amber,  
& Ruby Red, for all  
Pharmaceutical and  
Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.  
LIVERPOOL - MANCHESTER - LEEDS

## All Petroleum Products

TECHNICAL AND MEDICINAL  
WHITE OILS

PETROLEUM JELLIES,  
WHITE, YELLOW, DARK

PARAFFIN WAXES

NEUTRAL OILS,  
DEBLOOMED AND UNDEBLOOMED

PALE & RED LUBRICATING OILS

CYLINDER OILS,  
STEAM-REFINED, FILTERED

WHOLESALE ONLY

**W. J. SMITH**

*Sole European Representative*

The JAMES B. BERRY'S SONS CO. Inc.  
110 CANNON STREET, LONDON, E.C. 4

GUARANTEED PURE

## OLIVE OIL

Finest Edible.

Pharmaceutical  
Commercial.

**LEON FRENKEL**

10-11 LIME STREET,  
LONDON, E.C. 3.

# SILVER CREST LANOLINE

(ANHYDROUS)

In Barrels, Kegs or Drums.

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*Actual Manufacturers and Refiners*

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**The HILLCREST OIL CO.  
(BRADFORD) Ltd.**

CLAYTON . . . MANCHESTER

# ADEPS LANÆ

## B.P.

**"ULTRAVI" Brand.**  
**The Latest & Best.**

*Inquiries Invited.*

THE  
**C.V.O. Chemical Works,**  
LIMITED,  
Petersham Road,  
**RICHMOND (SURREY).**

# Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY  
**The Dee Oil Company, Ltd.**  
Delta Works . Bootle . Liverpool.

Packed in barrels, kegs and smaller packages according to requirements.

Inquiries are solicited for this article of **BRITISH MANUFACTURE**, and buyers may rely that for quality and price it will meet any competition

Other Grades  
**Petroleum Jellies, White Bases, &c.**  
Samples and prices on application.

**"OLEUM DEELINÆ,"** a certain cure for Eczema.

Phone: 186 Bootle. Wires: "Cestrian Liverpool."

Genuine Russian

## LIQUID PARAFFIN

All gravities, correct viscosities

"Jasmine Brand"

## ADEPS LANÆ

Lanoline

Superfine  
Anhydr.  
and Hydrous

B.P.

1914

Finest Qualities

"Jasmine Brand"

## PETROLEUM JELLIES

White and Yellow

Competitive  
Prices

"Jasmine Brand"

## WHITE OILS

Chem. Pure, Water-white,  
Tasteless, Odourless  
FOR MANUFACTURING PURPOSES

ALSO TRANSFORMER & INSULATING OILS.

**The PURE RUSSIAN LIQUID PARAFFIN CO., Ltd.**

3 St. Helen's Place, LONDON, E.C.3.

Actual Refiners and Manufacturers at their Works near London.

1919

*Senséni's*

1919

*Ice-refined, New Season's*

# NORWEGIAN COD LIVER OIL

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DELIVERY EX STOCK, LONDON OR HULL

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*Samples and Prices:*

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Agent for Scotland:

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Agent for Ireland:

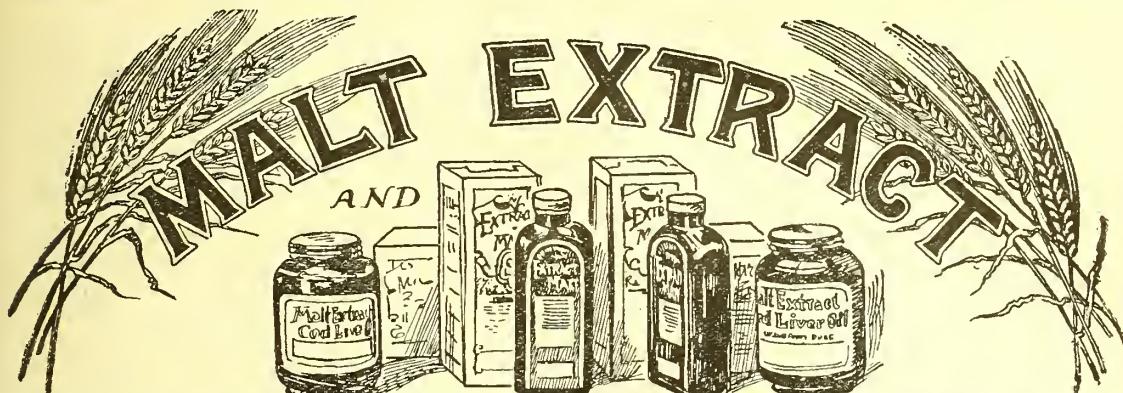
Mr. JOSEPH M. MAIBEN,  
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Telephone :  
Central 10238.Telegrams :  
"Diluggo, Bilgate, London."**CHARLES LANE & SONS**  
7 & 8 Idol Lane, LONDON, E.C.3NEWFOUNDLAND  
NON-FREEZING  
**COD LIVER OIL**  
FINEST - MEDICINAL.**GELATINES**  
SAMPLES AND QUOTATIONS  
FOR WHOLESALE QUANTITIES.*Fine Pharmaceutical and  
Heavy Chemicals.***Browning's  
LIQUID  
PARAFFIN**

S.G. 885/895

- ¶ Of the Highest Viscosity and Absolute Purity — superior to merely "B.P." oils.
- ¶ Immediate delivery given.
- ¶ Other B. P. Liquid Paraffins & Toilet White Oils supplied.

*Prices & Samples on request.*THE WM. BROWNING CO. LTD.  
Albert Works, Park Street, N.W. 1  
Tels: Hampstead 1743 & 4046.Never  
Becomes  
Cloudy.**Extract of Malt  
and  
Cod Liver Oil**  
IN BULK, JARS OR TINS.Prices on application.**THE  
BRITISH DIAMALT Co.**  
BISHOP'S STORTFORD.Proprietors { H. A. & D. D. TAYLOR  
H. D. & C. T. TAYLOR**Medicinal  
non-freezing  
COD LIVER  
OIL  
FROM STOCK.****K. MALMBERG,**  
110 Cannon Street, LONDON, E.C. 4.  
AND AT NEW YORKTelegraphic Address :  
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City 6321.



## MALT & COD LIVER OIL

Prepared only from the finest East-Coast Barley, Combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lbs. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 gross and upwards.

TELEPHONES:  
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(3 lines).

**PERRY & HOPE, Ltd.**

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"Perryope, Led, London."

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.

## HOOKER'S MALTED MILK

"A complete food."—*Lancet*.

SELLS ENTIRELY ON MERIT.

There is no Higher Quality or Better Value

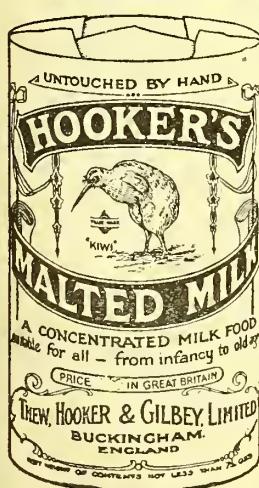
**BRITISH MADE & BRITISH OWNED**

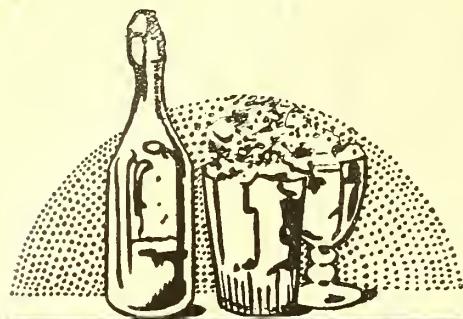
DEMAND RAPIDLY INCREASING.

**LARGE PROFITS TO SELLERS.**

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**THEW, HOOKER & GILBEY, LTD., BUCKINGHAM.**





**The Finest Quality  
Aerated Waters are  
made only with  
the Finest Quality  
ESSENCES**

**BOAKE  
ROBERTS'**

Soluble Essences are  
of the finest quality  
and being extremely  
concentrated are  
most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash Vanilla

*A. Boake, Roberts & Co. Ltd.  
Stratford, London, E15.*

**LOFTHOUSE & SALTMER, Ltd.**

Wholesale and Export Drug Merchants,  
Manufacturing Chemists

**HULL.**

**I**NVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT	(well advertised), tins 10d.	7/-
* " " " "	" 1/7	13/6
* " " " "	bottles in } 2/-	18/-

**I**\*Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line. **I**

**LOSALL'S COMPOUND SULPHUR SOAP.**

Box.	Doz.
3 Tablets in a box at 9d. each tablet.	2/3 21/-

**GOOD! IT'S MASON'S  
The Drink for the Masses**

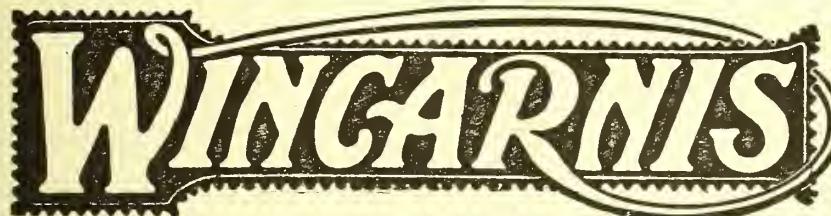


Millions of glasses used daily  
by workers all over the Empire

*Please allow us to Sample and Quote—*

**Citrate Magnesia**  
**Health Salt**  
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**Sulph. & Sarsap. Salt**  
**Lemonade**  
**Crystals, &c.**

**NEWBALL & MASON  
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**Sells readily ALL the time.**

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**IMPORTANT NOTE  
TO CHEMISTS  
WITHOUT LICENCES**

It has been established by law that Registered Chemists may sell "Wincarnis with Quinine" without a licence.



**THE CHEMISTS' APERIENT MINERAL WATER**

**Aquaperia**  
(Harrogate)

Standardised & Bottled by CAMWAL, Ltd., at their Spring at Harrogate.  
Supplants Apenta, Hunyadi-Janos and German and Austrian Waters of similar Character

Of all Wholesale Houses,  
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**P.A.T.A.**

2/6 per doz.  
allowed for  
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returned  
Carriage Paid,  
to our Factories

Special Export F.O.B.  
quotations, including  
packages.



**WINOX**  
Wine Food

is a high-class Pharmaceutical preparation containing all the food elements of Wine, Meat, Malt and Unfermented Grape Juice  
(Wine Licence Required)

Unsurpassable for Influenza; invaluable for Anæmia, Lassitude, Neuralgia, Nerve and kindred troubles.

Winox will stand any climate, and contains no harmful drugs.

Price 5/6 per bottle retail. Chemists who do not already stock Winox should apply for price to WINOX LTD., Richmond, Surrey.

**Freemans**  
Custard Powder



Makes  
Delicious  
Hot Sauce



MADE IN DELECTALAND.

# 5% Cash Bonus For Retailers again this year.

We have pleasure in announcing that we are again offering a 5% cash bonus on the *gross value* of all orders for Bovril received up to November 15th, 1919 (goods at net prices excluded).

Owing to shortage of bottles and other supplies, the Company cannot guarantee to complete delivery of the Bonus orders received before the end of the current year. A proportionate part of each order will be executed at once, and the balance delivered as early as possible next year, but all orders placed and accepted by November 15th will rank for Bonus, provided the conditions are duly complied with.

*For full particulars of trade terms, apply to  
Bovril, Ltd., 148-166, Old St., London, E.C.*

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## The Chemist's Profit

THE Chemist's Profit SHOULD be more than that of, say, the grocer, for two reasons :

- 1—The Chemist supplies his goods plus professional knowledge.
- 2—The Grocer supplies everyday staples on a simple commercial basis.

THE SANAGEN CO., LTD. appreciate the difference in the value of the Chemist's service, and have reserved a fair 50% professional profit for the Chemist, as follows :

Sizes		Selling Prices
2 oz.	...	2/-
4 oz.	...	3/-
8 oz.	...	5/-
16 oz.	...	9/6
		19/6
33 1/3% Trade Discount	...	6/6
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Showing 50% Profit  
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AWARDED GOLD MEDAL AT INTERNATIONAL  
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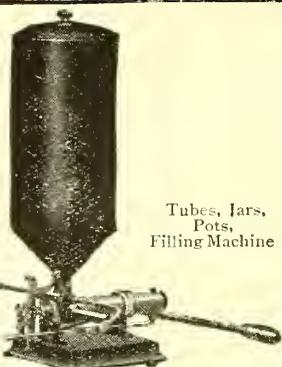
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150 Prescription Envelopes, printed your name, etc., also Weight Cards, Booklets, Showcards, etc., with every £5 Order.

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Pots,  
Filling Machine

## THE "CENTRAC" MACHINES

for Filling Collapsible Tubes, Bottles, Pots, Jars, &c., and for Closing Collapsible Tubes.

Hand or Power driven.

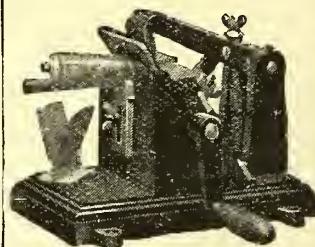
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Hand Tube Closing Machine.

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FLOUR, BREAD, BISCUITS, FOOD, RUSKS, COCONUTS, Etc.  
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Chartered Patent Agents.**

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For Fly Papers and Reels.

Guaranteed to retain its stickiness  
TWO OR MORE SEASONS.

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FILTER  
FIBRE**  
PURE, NEUTRAL AND INSOLUBLE.

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Speci'liy prepared for the filtration of Water, Beer, Spirits, Vinegar, Wines, Gelatine, Pharmaceutical Products and Essences.

GIVES A CLEAR AND SPARKLING FILTRATE AT A MINIMUM COST.



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The original and only reliable preparation for Cleaning and Polishing Cutlery, &c.

In Canisters, 1d., 2d., 3d., 6d., 1s., 2s. 6d., and 4s. each.

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MANUFACTURERS OF  
Emery Cloth, Black Lead  
GLASS PAPER, &c.

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The Original Preparation for Cleaning Cutlery.  
Canisters, 1d., 2d., 3d., 6d., 1s., 2s. 6d., and 4s. each.

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For Cleaning & Polishing SILVER, ELECTRO-PLATE,  
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In Solid Blocks, 1d., 2d., and 4d. each, and 1s. Boxes.

Polishing Paste, Furniture Polish, Plaste Powder, Rouge,

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DOES  
NOT  
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remember the advantages  
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Prescribed by leading Specialists.  
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Experience is proving, and medical men are testifying to the value  
of these perfect Foods. Terms and full particulars from  
THE CHELTINE FOODS CO., CHELTENHAM.

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"Abdine" is the most popular Health Drink, superior to all Mineral  
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*May we send you particulars.*

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Prices for 8-oz. Bottles ... 3 3	4/3 per gross
16-oz.    ,  ,  , 4/9	5 9   ,  ,  ,
Other sizes—Prices on Application.	

SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture BUNGS for  $\frac{1}{2}$ -gall. and 1-gall. Jars.

RED & BLACK RUBBER CORKS of the Best Quality for Laboratory use.

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*has for Forty Years  
been the Best & Safest  
Infants' Preservative.*

**COMFORTINE contains no Opiates  
or Dangerous Drugs whatever.**

*During teething it is  
a real Baby's friend.*

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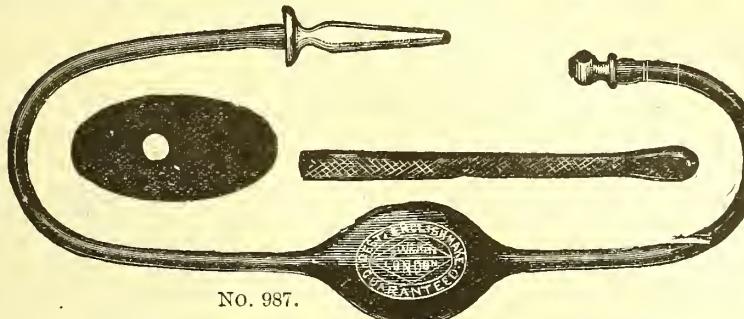
**Machon's Comfortine Co.  
Coalville, LEICESTER.**

**PRICE 1/- PER BOTTLE.**

# SEAMLESS ENEMAS.

Per Dozen

27/-



Per Dozen

27/-

NO. 987.

## GUARANTEED FOR 2 YEARS.

No. 987.—The "B.E.M."	(best English make)	with bone rectal pipe, etc.,	s.	d.
		complete in superior card box,	27	0
"	"	per dozen	30	0
"	"	in leatherette dome-top case	36	0
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No. 988.—The "Empire,"	black polished,	complete in card box	31	0
"	"	in oval leatherette case		

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Bathing Caps, Belts, Catheters, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Splints, Sponge Bags, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheetings, and every description of Rubber Goods.

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91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

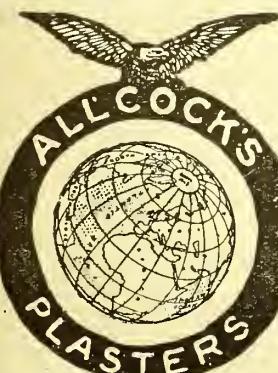
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The  
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Reliables.



"Sold all round the World."

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### PURE WHITE INLEAVED ABSORBENT COTTON WOOL in Packets

1 lb., 1/3; 8 oz., 1/4; 4 oz., 1/2; 2 oz., 1/7; 1 oz., 1/8 per lb.  
Quantities  $\frac{1}{2}$ -1 cwt., special prices, cart. paid. Pure Mag.  
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CASH.  
CARRIAGE PAID  
PASSENGER TRAIN

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THE TRUCK SPECIALISTS.

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Cut Pieces. Cartons for Packing. Waxed Papers.  
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THE  
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British Made.  
Requires no  
Washer.  
Note the  
Patent Neck  
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Guaranteed  
never to leak  
unless wilfully  
damaged.

High grade  
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Bottles.  
Superior  
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Strong and  
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Each Bottle  
boxed singly.  
Made in  
2 Sizes.



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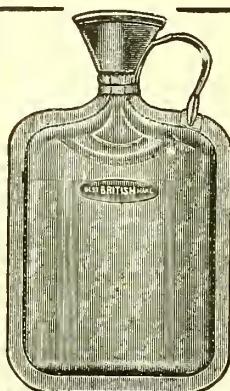
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### BEST BRITISH MAKE.

6 x 10 7 x 10 8 x 10 8 x 12 10 x 12  
White 3/11 4/2 4/6 5/- 6/-  
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(Special Discount for Quantities.)

All kinds of Surgical  
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AN ALL-BRITISH FIRM.  
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Buy direct from the Manufacturer.

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**GLOVES, TEATS, SOOTHERS**  
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The big profit maker and the most  
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It is moulded in one piece, without  
seam or join; has no uncomfortable  
rigid side flanges; has a larger  
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leaks. Handsome maroon colour.

If you have not yet sold this bottle, write for samples  
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Reliance Moulded-Seamless, price 7/6 each retail.  
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These are the best and fastest selling bottles in the  
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*In Sealed Cylinders.*

Used by Discriminating Medical Men.



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Catheters and Bougies, in Black or Brown Gum, and Finest Silk Web. Specula, Rectal and Esophageal Instruments, Horse Catheters and Cattle Probangs. Wholesale and Export only. Price List from the Manufacturers.

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Manufacturers of Surgical Abdominal Belts, Ladies' and Gents' of every description.

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No less than 1 doz. supplied. Cash with order.

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Stocked by the Principal Sundry Houses.

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## For IMMEDIATE DELIVERY

**"Eureka"** (hand) Tablet Machine, including 2 sets Punches and Dies up to  $\frac{1}{2}$ ".

"N" Power-driven " " " 2 " " " " "  $\frac{1}{2}$ ".

"O" " " " " 3 " " " " "  $\frac{2}{3}$ ".

"H" " " " " 2 " " " " " 2".

No. 15 Powder-Filling Machine.

Size "O" Gas-heated Automatic Water Still, distills  $\frac{1}{2}$  gall. per hour.

"000" " " " "  $2\frac{3}{4}$ ".

" " "00" Steam-heated " " " "  $1\frac{1}{2}$ ".

" " "000" " " " "  $2\frac{3}{4}$ ".

15-in. Copper Coating Pans. No. 63 Pot Mill. No. 64 Drug Mill.

CAPSULE BULBS (for hand-made capsules) made to customers' own requirements

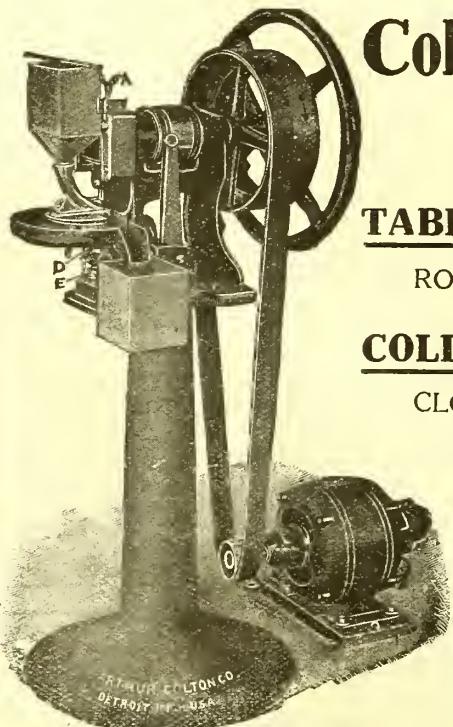
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**TABLET** MACHINES — SINGLE PUNCH AND  
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**COLLAPSIBLE TUBE** FILLING AND  
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COMPLETE PLANT FOR

## PILL-MAKING.

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"Where can I get  
one like it?"

"Oh! you'll see them  
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## A sure business bringer

TO sell a Sorbo Sponge is like sending out a really first-class circular. It brings new business.

The customer who takes a Sorbo Sponge home is justly proud of her purchase. She shows it to her friends; points out how soft yet tough it is; explains how much more absorbent it is than ordinary rubber sponges, how much cheaper than natural sponges.

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That is why it pays so well to stock and feature Sorbo Sponges. Their quality is so fine that each sale leads to permanent new business through the recommendations of satisfied customers.

*Send a trial order to-day and display Sorbo Sponges. You will find that they keep the Cash Register busy! Parcels of not less than 3 dozen assorted sponges, less 33½% and 3¾% cash, carriage paid U.K.*

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THE MOST ABSORBENT RUBBER SPONGE

Protected Retail Prices:

No. 1, 1/3; No. 2, 2/-; No. 3, 3/-; No. 4, 5/-; No. 4R, 7/6; No. 5, 10/6

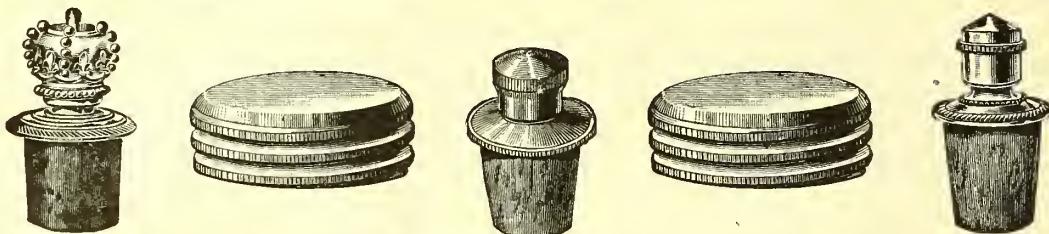
**SORBO RUBBER-SPONGE PRODUCTS, LIMITED,**

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Sorbo Sponges can be obtained from leading wholesalers.

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# Collapsible Tubes Sprinkler Stoppers

PLAIN AND PRINTED.

## FILLING & CLOSING MACHINES

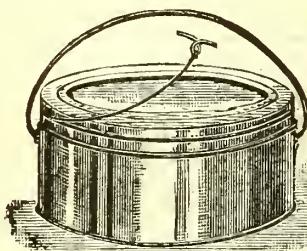
METAL CLIPS for ends of Tubes and MACHINES for fixing same.  
SCREW CAPS, METAL TOP CORKS, etc., etc.

Inquiries invited.



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Manufacturers  
for the  
Chemical Trade.

TIGHT SEAMING &  
VARNISH BOTTLES  
A SPECIALITY.

Patent Air Tight Slip-lid Tin  
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Prompt Deliveries Assured.

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QUICKER, SAVE LABOUR.

### Labour-Saving Machinery

FOR GLASS BOTTLE FILLING,  
JAR FILLING, SHALLOW TIN FILLING,  
FLASK, CAN AND DRUM FILLING.

Machines for filling all liquides and semi-liquides in any shape  
or size of receptacle. Write for particulars.

### Roberts' Patent Filling Machine Co. BOLTON.

Labour-Saving Machinery, in comparison to what it can  
save, NEVER COSTS SO LITTLE AS NOW.

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PRODUCERS of BETTER CLASS CONTAINERS  
and FITTINGS for MANUFACTURERS of  
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YOUR OWN IDEAS  
CARRIED INTO  
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SCREW CAPS & SMALL ROUND BOXES  
IN ALUMINIUM &  
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METALS  
TUBE CLIPS

BRANDED TO  
YOUR  
INSTRUCTIONS

# BRITISH MADE TIN FOIL

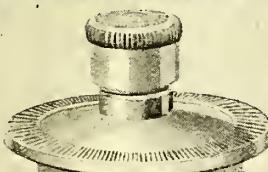
Highly polished foils—printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, food-stuffs, etc. In sheets or reels—large or small quantities.

Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

*Manufactured by*

**Venesta Ltd.**  
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England

## BRITISH MADE Perfume Sprinklers



Collapsible Tubes  
and Tin Boxes

THE JOHN DALE MFG. COY.  
New Southgate, LONDON. N.11.

## Your Packets & Parcels

WILL BE NEATER AND  
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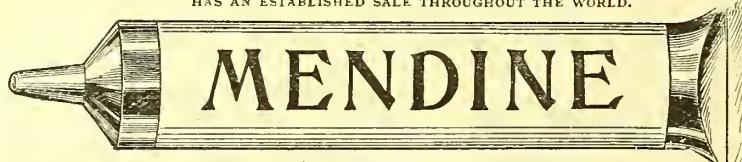
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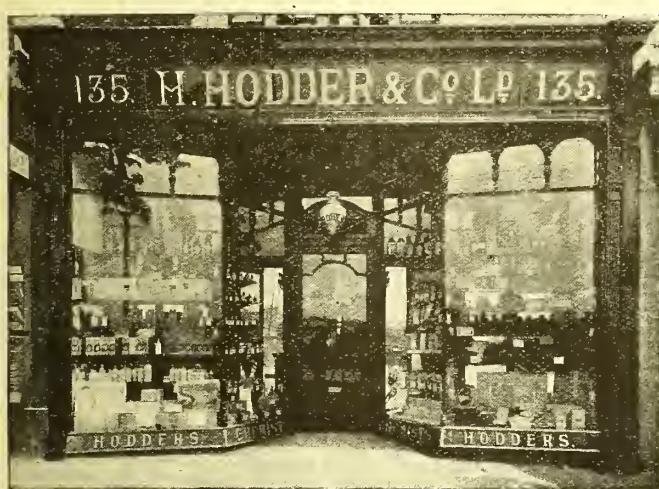
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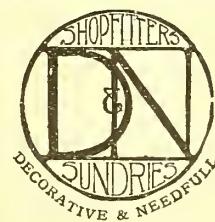
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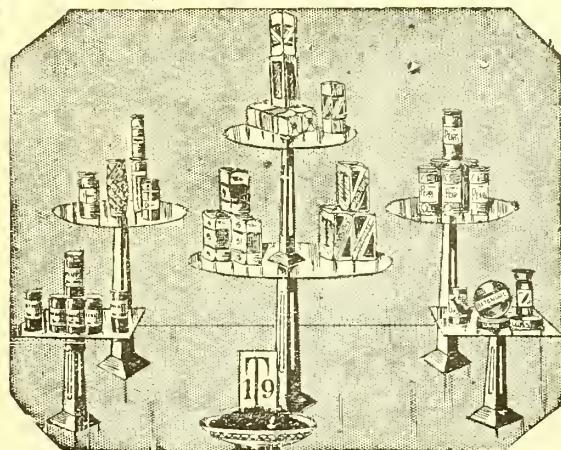
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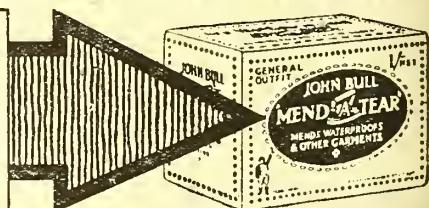
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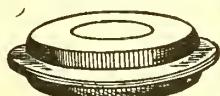
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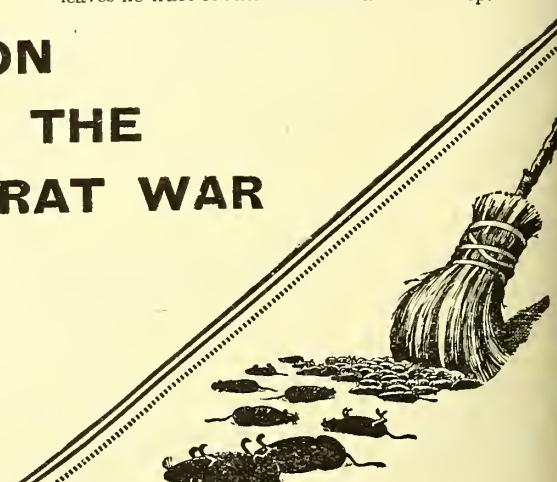
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THE  
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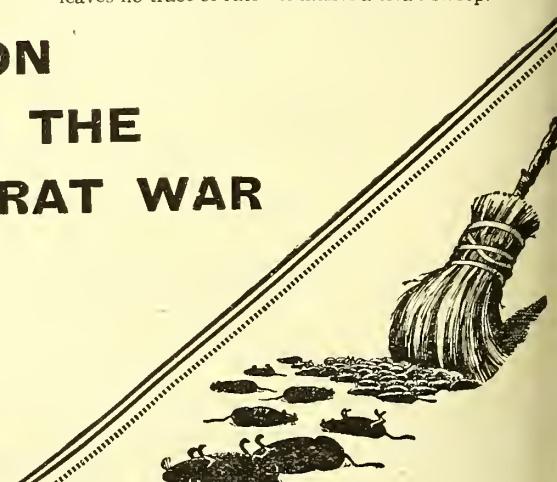
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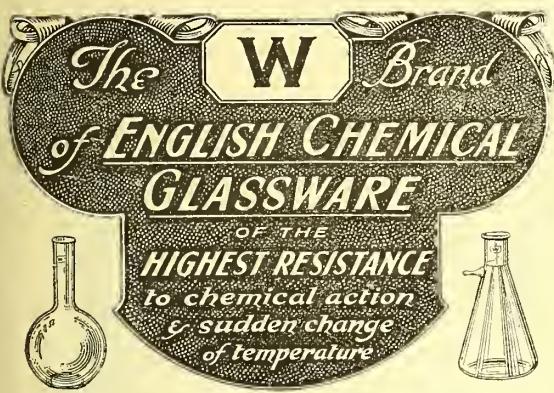
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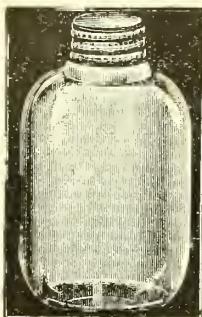
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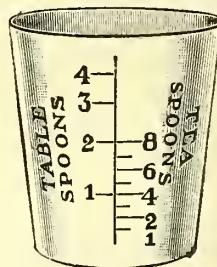
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